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DIRECTORATE OF
INTELLIGENCE

Intelligence Handbook

Economic Intelligence Statistical Handbook
1969

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*Economic Intelligence
Statistical Handbook
1969*

This handbook was produced solely by CIA. It was prepared by the Office of Economic Research. Data on military expenditures and equipment and on the construction of maritime vessels were supplied by the Office of Strategic Research.

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ECONOMIC PROFILE,[†] 1968

EUROPEAN NATO

LAND MASS: 2,878,000
square kilometers
INHABITANTS: 302.2 million
GNP: US \$ 590 billion

CANADA[†]

LAND MASS: 9,976,000
square kilometers
INHABITANTS: 20.8 million
GNP: US \$ 60 billion

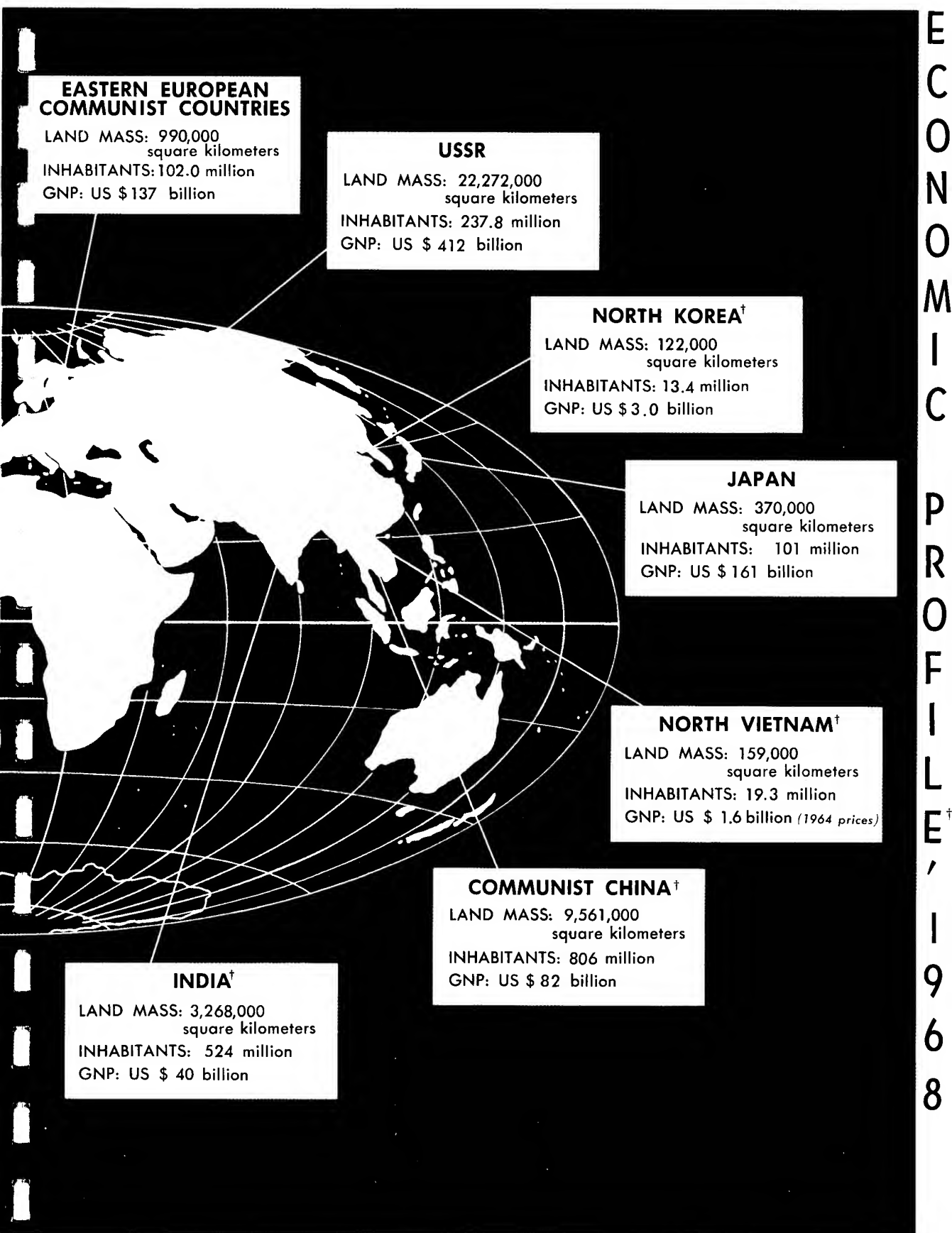
US

LAND MASS: 9,363,000
square kilometers
INHABITANTS: 201.2 million
GNP: US \$ 829 billion

CUBA[†]

LAND MASS: 115,000
square kilometers
INHABITANTS: 7.6 million
GNP: US \$ 3.3 billion (1957 prices)

[†] NOTE: The data for gross national product (GNP) are for 1968 (in 1967 prices) converted to US purchasing power equivalents, except for Canada, India, Cuba, Communist China, North Vietnam, and North Korea. Data for Canada (in 1967 prices) are GNP converted at the par value exchange rate of 1.081 Canadian dollars to US \$1. Data for India (in 1967 prices) are GNP converted at the par value exchange rate of 7.5 rupees to US \$1. Data for Cuba (in 1957 prices) are GNP for 1967 converted to US dollars using prevailing exchange rates. Data for Cuba are given in 1957 prices to minimize the inflationary effects during the last several years. Data for GNP for Communist China are for 1966, for North Vietnam (in 1964 prices) are for 1964, and for North Korea are for 1966. All data on inhabitants are for midyear 1968 and data on land mass are for the latest year available.



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FOREWORD

1. *Purpose and Scope*

The *Economic Intelligence Statistical Handbook*, 1969 provides statistics on the economies of the Communist countries and the countries of the North Atlantic Treaty Organization (NATO)—including France. The content and format have been revised to make possible more explicit comparisons and new tables and graphics have been added.

In general, the data in the *Handbook* are for 1955, 1960, and 1963-68. A summary table is presented for European NATO, Eastern Europe, each of the Communist countries, selected NATO countries, India, and Japan. The data for Mongolia, because of their scarcity, are presented in a summary table but are not included in the individual commodity or aggregative tables. The graphics are designed for use as visual aids. Footnotes have been used liberally to give definitions, exceptions, and methodology. Footnotes to the commodity tables give more detailed definitions of the data than those appearing for the commodities on the summary table for each country. Therefore, the footnotes to the commodity tables should be referred to when a complete description of the data shown is required.

2. *Rounding of the Totals*

In each table the data for the individual countries have been rounded consistently. Because of the limitations in the cumulative data, the totals have been rounded, with some exceptions, to three significant digits. In general, zeros appearing after the last nonzero number following the decimal point are not significant but are used merely for consistency in presentation.

Totals are not presented if missing data are believed to represent a significant part of the total. In general, data are not given for countries for which a significant amount of data is not available. Because of rounding, components may not add to the totals shown.

3. *Symbols*

The abbreviation N.A. (not available) is used when information about the existence of the data or the magnitude of the data is not available, and the abbreviation *Negl.* (negligible) is used when the magnitude of the data is less than half of the final unit employed for each table. The metric system is used throughout.

4. *Classification of Data*

The unclassified data, indicated by an asterisk (*), may be official data of the country cited or may be unclassified estimates of this Office. Tables in which all of the data are unclassified have been identified accordingly. *Classified data, however, frequently occur on the reverse of the page, and, therefore, caution should be exercised if pages are removed from this publication.*

5. *Sources*

The data given for the most recent years are frequently preliminary and subject to revision. The data for the Communist countries are estimates of this Office, official data from the country cited, or estimates made by other organizations. The data for the NATO and other Free World countries are from publications of the United Nations and the Organization for Economic Cooperation and Development (OECD), are from unclassified publications of other international organizations or individual countries of the Free World, or are estimates of this Office.

6. *Terms*

Unless otherwise indicated, the term *Communist Countries* includes the USSR, the countries of Eastern Europe, Communist China, North Korea, North Vietnam, Albania, Cuba, and Yugoslavia; the

25X1

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term *Eastern Europe* includes Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Rumania. The term *NATO* includes the United States, Belgium, Canada, Denmark, France, Greece, Iceland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Turkey, the United Kingdom, and West Germany. The term *developed countries* includes Austria, Belgium, Denmark, Finland, France, Iceland, Ireland, Italy, Liechtenstein, Luxembourg, Norway, the Netherlands, Sweden, Switzerland, the United Kingdom, West Germany, Australia, Canada, Japan, New Zealand, South Africa, and the United States. The term *less developed countries of the Free World* includes (1) all countries of Africa

except the Republic of South Africa, (2) all countries of the Far East except Japan, (3) Portugal and Spain in Europe, (4) all countries in Latin America except Cuba, and (5) all countries in the Near East and South Asia.

As far as possible, production data for the Saar have been included in the data for West Germany for all years, unless otherwise indicated. Data for Alaska and Hawaii, when available, have been included in the total for the US. Data for any of the above country groupings may or may not include all of the countries listed above, depending on the commodity or services listed.

SECRET

CONTENTS

Economic Profile, 1968	<i>Frontispiece</i>
<i>Table</i>	<i>Page</i>

I. ECONOMIC AND MILITARY INDICATORS

Comparative Data on Gross National Product in the US and the USSR (<i>Figure 1</i>)	<i>following page</i>	xiv
--	-----------------------	-----

A. GROSS NATIONAL PRODUCT

1	Gross National Product	1
2	Gross National Product, by End Use, in the US and the USSR	2
	Per Capita Gross National Product in Selected Countries (<i>Figure 2</i>)	<i>following page</i>
3	Percentage Distribution of Soviet Gross National Product, by End Use	3
4	Gross National Product in Selected NATO Countries	3

B. INDUSTRIAL AND AGRICULTURAL PRODUCTION

5	Indexes of Industrial Production	4
	Indexes of Industrial and Agricultural Production in the US and the USSR (<i>Figure 3</i>)	<i>following page</i>
6	Indexes of Industrial and Agricultural Production in the Eastern European Communist Countries	5
7	Indexes of Gross Industrial Production in the Communist Countries	6
8	Average Annual Rates of Growth of Industrial Production, by Branch of Industry, in the USSR	7

C. SOVIET INVESTMENT AND FINANCE DATA

9	Soviet State Budget	8
10	Soviet Gross Fixed Investment, by Function and by Sector	9
11	Drawings and Scheduled Repayments on Western Credits to the USSR	10
	Soviet Hard Currency Payments Deficit (<i>Figure 4</i>)	<i>following page</i>
	Production, Disposition, and Reserves of Gold in the USSR (<i>Figure 5</i>)	<i>following page</i>

D. COMPARATIVE PERFORMANCE AND PLAN DATA

12	Selected Economic Data for the US and the USSR	11
13	Factors of Consumption for the US and the USSR	12
14	Soviet Economic Plan for 1970	13

E. MILITARY EXPENDITURES, EQUIPMENT, AND PORT CAPACITIES

15	Defense Expenditures, by Major Mission, in the US and the USSR	14
	Soviet Expenditures for Defense and Space (<i>Figure 6</i>)	<i>following page</i>
16	Soviet Expenditures for Defense and Space, by Major Mission	15
17	Soviet Expenditures for Defense and Space, by Category of Expenditures	16
18	Construction of Naval Ships, by Type, in the Communist Countries	17

SECRET

<i>Table</i>	<i>Page</i>
19 Production of Military Aircraft, by Type, in the US and the Communist Countries	18
Military Capacities of Selected Ports (Figure 7)	following page 18

II. POPULATION AND COUNTRY TABLES

A. POPULATION

20 Population	19
21 Labor Force	20
22 Nonagricultural Labor Force	20
23 Agricultural Labor Force	21

B. COUNTRY TABLES: SELECTED ECONOMIC DATA

24 United States	22
25 European NATO	23
26 France	24
27 Italy	25
28 United Kingdom	26
29 West Germany	27
30 India	28
31 Japan	29
32 USSR	30
33 Eastern Europe	31
34 Bulgaria	32
35 Czechoslovakia	33
36 East Germany	34
37 Hungary	35
38 Poland	36
39 Rumania	37
40 Communist China	38
41 North Korea	39
42 North Vietnam	40
43 Albania	41
44 Cuba	42
45 Mongolia	43
46 Yugoslavia	44

III. FOREIGN TRADE

Direction of Foreign Trade of the Communist Countries (Figure 8)	following page 44
47 World Exports, by Selected Country and Region	45
48 Trade of the US with the USSR and Eastern European Communist Countries	45
49 Trade of the US with the USSR, by Commodity	46

SECRET

<i>Table</i>	<i>Page</i>
50 Trade Turnover of the Communist Countries	47
51 Trade Among the Communist Countries	48
52 Trade of the Communist Countries with the Free World	49
53 Soviet Foreign Trade	50
54 Soviet Exports	51
55 Soviet Imports	52
56 Soviet Exports of Petroleum	53
57 Soviet Imports of Chemical Equipment	53
58 Chinese Communist Foreign Trade	54

IV. AID

US and Communist Economic Aid Extended to Less Developed Countries of the Free World (<i>Figure 9</i>)	<i>following page</i>	54
Soviet Economic Aid Extended to Less Developed Countries of the Free World and Communist Countries (<i>Figure 10</i>)	<i>following page</i>	54

A. COMMUNIST AID DELIVERED TO NORTH VIETNAM

Economic and Military (<i>Figure 11</i>)	<i>following page</i>	54
59 Soviet Military		55
60 Chinese Communist Military		56

B. COMMUNIST AID TO LESS DEVELOPED COUNTRIES OF THE FREE WORLD

1. EXTENSIONS AND DRAWINGS

Economic and Military, by Area (<i>Figure 12</i>)	<i>following page</i>	56
Soviet Economic and Military, by Area (<i>Figure 13</i>) ..	<i>following page</i>	56
Chinese Communist Economic and Military, by Area (<i>Figure 14</i>)	<i>following page</i>	56
61 Economic and Military		57
62 Economic		58
63 Military		59

2. RECIPIENT AND DONOR

64 Economic and Military		60
65 Economic		62
66 Military		64

3. MAJOR DELIVERIES OF MILITARY EQUIPMENT

67 Land Armaments and Naval Ships, by Recipient		65
68 Aircraft and Guided Missile Systems, by Recipient		66
69 Recipients in 1968		67

4. TRAINEES

70 Academic, Technical, and Military Departures for Training in Communist Countries		68
71 Military Personnel Trained in Communist Countries		69

SECRET

ix

SECRET

<i>Table</i>	<i>Page</i>
72 Communist Nonmilitary and Military Technicians in Less Developed Countries of the Free World, by Country	70

V. INDUSTRIAL PRODUCTS AND RAW MATERIALS**A. CHEMICALS**

73 Sulfuric Acid	71
74 Synthetic Ammonia	72
75 Caustic Soda	73
76 Mineral Fertilizer, Nutrient Content	74
77 Mineral Fertilizer	75
78 Plastics	75

B. RUBBER AND RUBBER PRODUCTS

79 Natural Rubber	76
80 Synthetic Rubber	76
81 Rubber Tires	77

C. FUELS AND POWER

82 Primary Energy	78
83 Hard Coal	79
84 Brown Coal and Lignite	80
85 Metallurgical Coke	81
86 Crude Oil	82
87 Petroleum Products	83
88 Natural Gas	84
89 Electric Power	85
90 Installed Electric Generating Capacity	86

D. FERROUS AND FERROALLOYING ORES AND METALS

91 Crude Steel	87
92 Rolled Steel	88
93 Pig Iron	89
94 Iron Ore	90
95 Manganese Ore	91
96 Refined Nickel	92
97 Chromite	93
98 Molybdenum	94
99 Cobalt	94
100 Tungsten Ore	95

E. NONFERROUS ORES AND METALS

101 Gold	96
102 Refined Copper	97
103 Primary Aluminum	98
104 Bauxite	99

SECRET

SECRET

<i>Table</i>	<i>Page</i>
105 Smelter Lead	100
106 Refined Zinc	101
107 Primary Tin Metal	102
108 Primary Magnesium	103
109 Titanium Sponge Metal	103

VI. CONSUMER GOODS, PRODUCERS' GOODS, AND CONSTRUCTION

A. CONSUMER GOODS

110 Footwear	104
111 Woven Cotton Fabrics	104
112 Woven Woolen Fabrics	105
113 Woven Rayon and Acetate Fabrics	106
114 Synthetic Fibers	106

B. PRODUCERS' GOODS

115 Metalcutting Machine Tools	107
116 Metalforming Machine Tools	107
117 Metallurgical Equipment	108
118 Electric Motors	108
119 Electric Generators	109
120 Turbines	109
121 Digital Computers	110

C. CONSTRUCTION

122 Total Housing Construction	111
123 Production of Cement	112

VII. AGRICULTURE

Selected Agricultural Inputs and Output in the US and the USSR
(Figure 15) following page 112

A. PRODUCTION OF FOOD CROPS

124 Grain	113
125 Breadgrain	114
126 Coarse Grain	115
127 Rice	116
128 Potatoes	117

B. PRODUCTION OF PROCESSED FOODS AND FISH CATCH

129 Meat	118
130 Milk	119

SECRET

<i>Table</i>	<i>Page</i>
131 Sugar	120
132 Fish Catch	121

C. INVENTORY OF LIVESTOCK

133 Cattle	122
134 Hogs	123

D. PRODUCTION OF SELECTED FIBERS

135 Ginned Cotton	124
136 Wool	125

E. PRODUCTION OF EQUIPMENT

137 Grain Combines	126
138 Tractors	126

VIII. TRANSPORTATION AND COMMUNICATIONS

Domestic Transport Performance in the US and the USSR (Figure 16)	following page 126
--	--------------------

A. TRANSPORTATION PERFORMANCE

139 Railroad Freight, in Ton-Kilometers	127
140 Railroad Freight, in Tons Carried	128
141 Motor Vehicle Freight, in Ton-Kilometers	129
142 Motor Vehicle Freight, in Tons Carried	130
143 Inland Water Freight, in Ton-Kilometers	131
144 Inland Water Freight, in Tons Carried	132
145 Ocean Freight, in Ton-Kilometers	133
146 Air Passenger Traffic, in Passenger-Kilometers	134
147 Airfreight Traffic, in Ton-Kilometers	134
148 Petroleum Pipeline Transportation, in Ton-Kilometers	135
149 Petroleum Pipeline Transportation, in Tons Carried	135

B. PRODUCTION OF TRANSPORTATION EQUIPMENT

150 Maritime Cargo Ships	136
151 Maritime Tankers	137
152 Fishing Ships	137
153 Locomotives	138
154 Diesel Locomotives	139
155 Electric Locomotives	139
156 Railroad Freight Cars	140
157 Passenger Automobiles	141
158 Trucks and Buses	142

SECRET

<i>Table</i>	<i>Page</i>
C. INVENTORY OF TRANSPORTATION EQUIPMENT	
159 Civil Aircraft	143
160 Locomotives	144
161 Railroad Freight Cars	145
162 Civilian Trucks	146
163 Merchant Fleet	147
164 Tanker Fleet	148
D. COMMUNICATIONS	
165 Telephones in Use	149
166 Long-Distance Telephone Calls	150
167 Telegrams Sent over the Domestic System	151
168 Electron Tubes	152
169 Radio Receivers	152
170 Television Receivers	153
171 Radio Receivers in Public Use	154
172 Television Receivers in Public Use	155

IX. CONVERSION FACTORS AND RATES OF EXCHANGE

173 Selected Conversion Factors	156
174 Rates of Exchange for Currencies of Selected Communist Countries ..	157
175 Cross Rates of Exchange for Currencies of the NATO Countries	158

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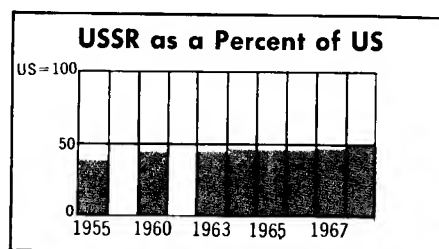
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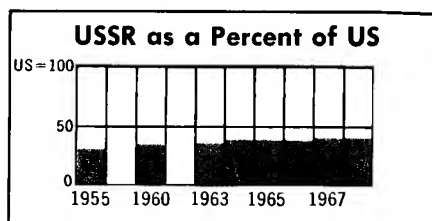
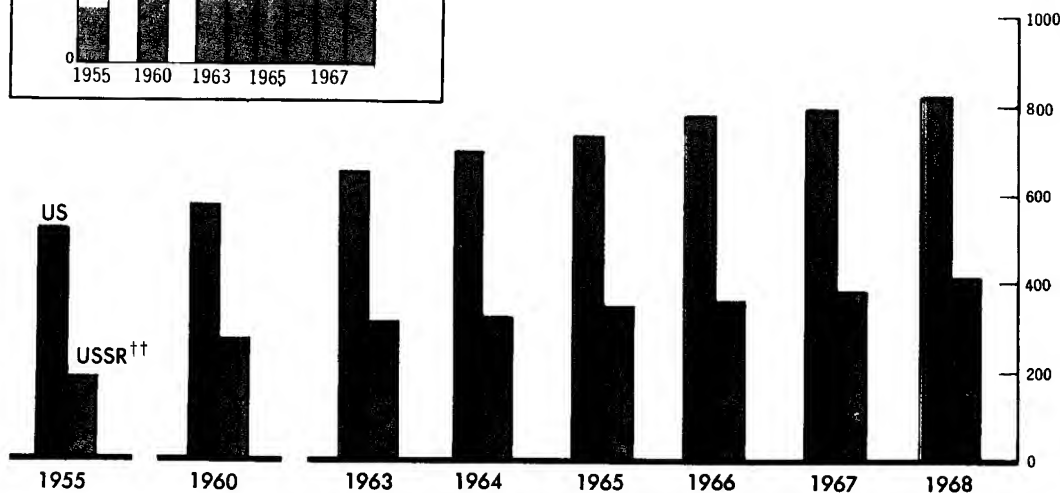
Figure 1

COMPARATIVE DATA ON GROSS NATIONAL PRODUCT[†] IN THE US AND THE USSR, 1955, 1960, AND 1963-68

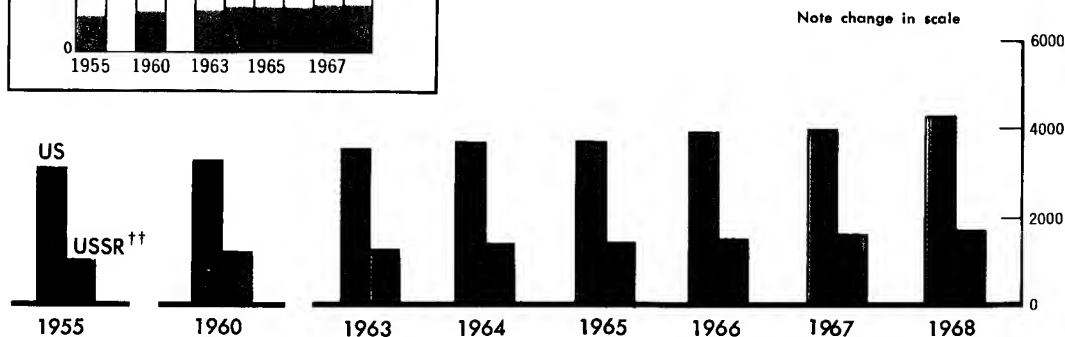
		1955	1960	1963	1964	1965	1966	1967	1968
GNP (Billion 1967 US \$)	US	513.6	572.0	646.1	681.8	724.4	770.5	789.7	828.8
	USSR ^{††}	195.2	261.4	301.7	323.9	344.8	368.3	390.1	411.5
	Difference	318.4	310.6	344.4	357.9	379.6	402.2	399.6	417.3
GNP (USSR as a Percent of US)		38	46	47	48	48	48	49	50
GNP Per Capita (1967 US \$)									
GNP Per Capita (USSR as a Percent of US)	US	3,100	3,170	3,410	3,550	3,720	3,910	3,970	4,120
	USSR ^{††}	1,000	1,220	1,340	1,420	1,500	1,580	1,660	1,730
		32	38	39	40	40	40	42	42



GROSS NATIONAL PRODUCT Billion 1967 US \$



GROSS NATIONAL PRODUCT PER CAPITA 1967 US \$



† At market prices.
 †† Converted at US purchasing power equivalents.

SECRET

SECRET

AGGREGATIVE DATA

Table 1

Estimated Gross National Product at Market Prices
1955, 1960, and 1963-68

	Billion 1967 US \$ (Converted at US Purchasing Power Equivalents ^a)								Average Annual Rate of Growth ^b (Percent)	
	1955	1960	1963	1964	1965	1966	1967	1968	1956-60	1964-68
NATO COUNTRIES.....	880*	1,030*	1,170*	1,240*	1,310*	1,380*	1,410*	1,480*	3.2*	4.8*
US.....	513.6*	572.0*	646.1*	681.8*	724.4*	770.5*	789.7*	828.8*	2.2*	5.1*
Canada ^c	33.9*	40.1*	46.1*	49.0*	52.4*	55.5*	57.3*	60.0*	3.4*	5.4*
European NATO.....	330*	420*	480*	510*	530*	550*	560*	590*	4.9*	4.2*
Of which:										
Belgium.....	15.3*	17.3*	20.1*	21.5*	22.3*	22.9*	23.7*	24.7*	2.5*	4.2*
Denmark.....	7.1*	8.9*	10.0*	11.0*	11.4*	11.7*	12.1*	12.3*	4.7*	4.1*
France.....	69.1*	87.3*	101.0*	107.5*	112.7*	118.8*	124.3*	129.5*	4.8*	5.1*
Italy.....	10.6*	53.2*	64.2*	66.0*	68.3*	72.1*	76.4*	80.3*	5.5*	4.6*
Netherlands.....	15.6*	19.0*	21.2*	23.2*	24.4*	24.9*	26.3*	27.7*	4.1*	5.5*
Norway.....	5.4*	6.3*	7.3*	7.7*	8.0*	8.3*	8.8*	9.1*	3.2*	4.7*
UK.....	87.3*	100.1*	109.7*	116.0*	119.1*	121.3*	123.2*	127.4*	2.8*	3.0*
West Germany ^d	73.1*	105.4*	119.7*	127.6*	134.8*	138.0*	137.9*	147.5*	7.6*	4.3*
COMMUNIST COUNTRIES										
USSR and Eastern Europe.	271	359	410	438	464	494	521	548	5.8	6.0
USSR.....	195.2	261.4	301.7	323.9	344.8	368.3	390.1	411.5	6.0	6.4
Eastern Europe.....	76.2*	97.9*	109*	114*	119*	125*	131*	137*	5.1*	4.7*
Bulgaria.....	3.7*	5.3*	6.5*	6.9*	7.2*	7.8*	8.3*	8.6*	7.5*	5.8*
Czechoslovakia.....	15.9*	21.9*	22.8*	23.0*	23.4*	24.5*	25.6*	26.4*	6.6*	3.0*
East Germany.....	19.0*	24.0*	26.1*	27.1*	28.1*	29.2*	30.5*	31.7*	4.8*	4.0*
Hungary.....	7.7*	9.5*	11.0*	11.8*	11.8*	12.4*	12.9*	13.2*	4.3*	3.7*
Poland.....	19.9*	25.3*	28.9*	30.5*	32.6*	34.2*	35.6*	37.8*	4.9*	5.5*
Rumania.....	10.0*	11.9*	13.3*	14.5*	15.7*	17.1*	18.1*	19.1*	3.5*	7.5*
Far East										
Communist China.....	62	N.A.	N.A.	N.A.	N.A.	82	N.A.	N.A.	N.A.	N.A.
North Korea ^e	1.0	2.2	2.6	2.8	2.9	3.0	N.A.	N.A.	17.1	4.9 ^f

* An asterisk indicates that the data are unclassified.

^a For the individual European NATO countries, the ratios for converting gross national product (GNP) in national currencies at 1967 prices into 1967 US dollars on the basis of US purchasing power equivalents are derived from the 1950 ratios in Milton Gilbert and Associates, *Comparative National Products and Price Levels*, OEEC, Paris, 1958, using the geometric mean of European and US weighted ratios. These 1950 ratios were moved to 1967 by applying the following factor: the derived price indexes for each European country for 1950-67 divided by a derived price index for the US for 1950-67. These price indexes were derived for each country by dividing the growth of GNP in current prices by the growth of GNP in constant prices. The ratios thus obtained were applied to the GNP values, given in the national currencies in 1967 prices. The total GNP for the European NATO countries is based on the estimate that the total GNP of the individual countries shown represents 95 percent of the total European NATO GNP, which is the approximate relationship derived from other sources. The values shown for the Communist countries, except for North Korea, have been calculated in a manner which makes them reasonably comparable with the values shown for the NATO countries.

^b The base years are 1955 and 1963, respectively. Rates of growth are derived from unrounded data.

^c Converted at the exchange rate of 1.081 Canadian dollars to US \$1.

^d Including data for West Berlin.

^e Converted at the exchange rate of 1.2 won to US \$1.

^f Rate of growth for 1964-66.

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AGGREGATIVE DATA

SECRET

Table 2
Gross National Product, by End Use, in the US and the USSR
1967

	Billion 1967 US \$ ^a		USSR as a Percent of US
	US	USSR	
Consumption.....	532.8*	200.9	38
Investment.....	136.6*	117.6	86
Defense.....	76.5*	57.8	75
Other.....	43.8*	40.7	93
GNP.....	789.7*	390.1 ^b	49

* An asterisk indicates that the data are unclassified.

^a US market prices. Total Soviet gross national product (GNP) and the various end uses were converted to dollars not by the official rate of exchange but by the average purchasing power ratio of the dollar and the ruble calculated from actual or estimated prices paid for various goods and services in the two economies. For GNP as a whole and for each end use component of GNP, these average ratios (ruble-dollar ratios) were estimated by weighting individual price ratios by both US and Soviet expenditure weights. The geometric mean of the US weighted and Soviet weighted ratios was then used for the conversion of Soviet values into dollars.

The magnitudes for the Soviet end use components were calculated to measure quantity of output compared with the US but not the cost in resources. The share of total economic resources devoted to a particular end use or the share of total output originating in an individual sector (for example, agriculture or industry) in the USSR should be measured in internal ruble prices and costs. Agriculture alone, for example, uses 35 percent of the civilian labor force, or 43 million people, as a result of the inefficiency of that sector in the USSR.

The adjusted end uses of GNP are defined as follows:

(1) Consumption comprises personal expenditures for goods and services for all purposes and noninvestment outlays by government for goods and services for health and education. (The personal consumption expenditures for the US are \$492.2 billion.)

(2) Investment is defined (a) for both the US and the USSR as the sum of expenditures for gross private domestic investment net of inventories; for public construction other than that for defense facilities; for equipment purchased by the government except that for defense; and for defense stockpiling and defense-production expansion; and (b) for the US, as also including expenditures by state and local government for development of atomic energy. (The gross private domestic investment for the US is \$114.3 billion.)

(3) Defense as a component of GNP comprises government purchases of goods and services for the military services, federal government expenditures on atomic energy development, and outlays on space research and technology. Defense excludes stockpiling activities and net military grants for foreign military assistance. (The federal government purchases of goods and services for national defense, excluding purchases by NASA, for the US are \$72.4 billion.)

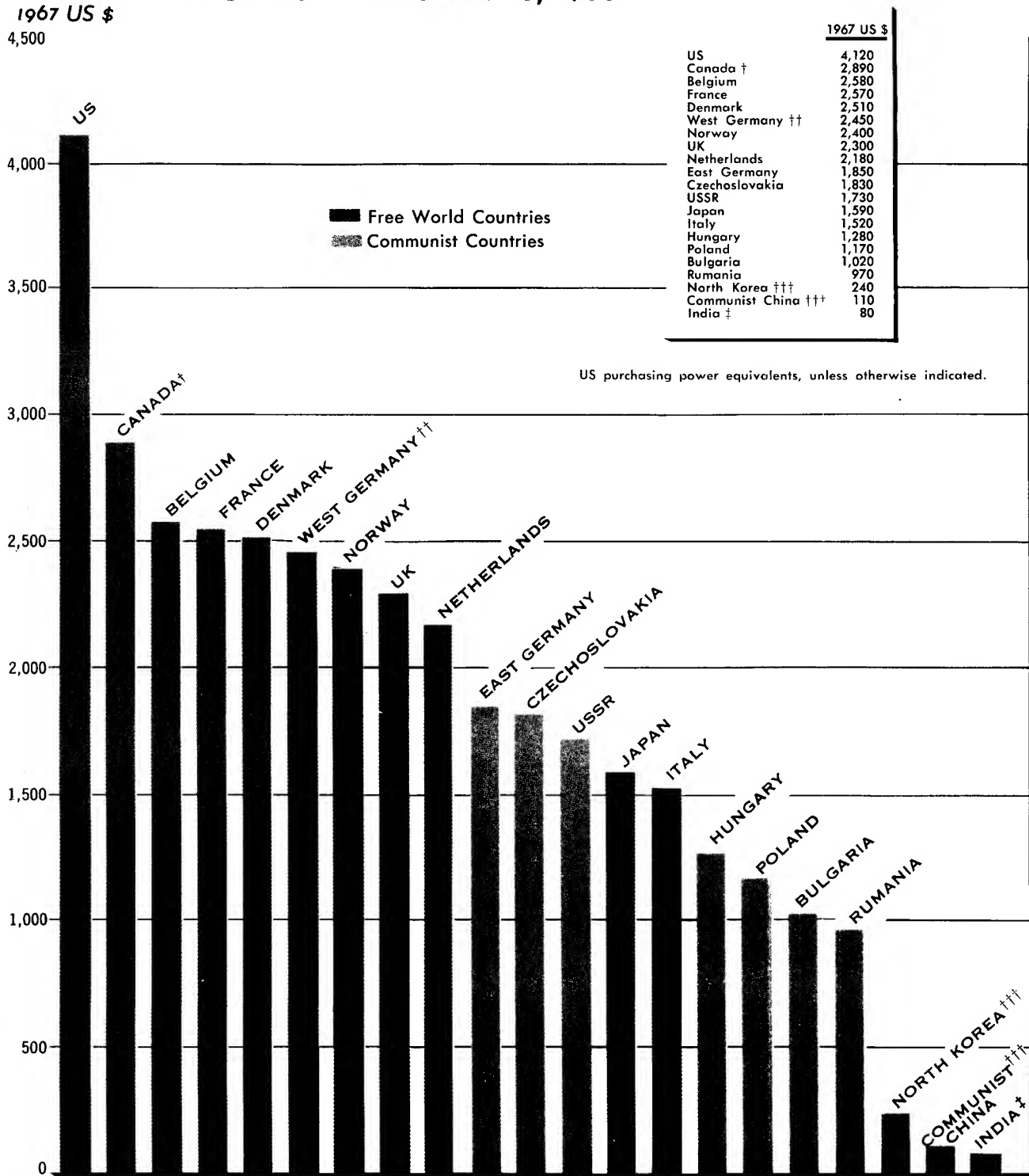
(4) Other includes inventory change, administration, net exports, and statistical discrepancy. Administration as a component of GNP is the residual left after all current expenditures for national defense, health, and education and all capital expenditures are subtracted from government purchases of goods and services. (There is no equivalent category for the unadjusted data for the US.)

^b The sum of the end use components of Soviet GNP, valued in dollars, does not equal the dollar value of aggregate GNP, because of the use of average ruble-dollar ratios in converting from ruble values to dollar values. Nevertheless, the individual end use components were not adjusted to agree with the total, since the US-USSR comparisons shown are believed to give the best available description of relative size.

SECRET

Figure 2

PER CAPITA GROSS NATIONAL PRODUCT IN SELECTED COUNTRIES, 1968



† Gross national product per capita converted at the par value exchange rate of 1.081 Canadian dollars to US \$1.
 †† Including West Berlin.
 ††† Data are for 1966.
 ‡ Gross national product per capita converted at the par value exchange rate of 7.5 rupees to US \$1.

76013 4-69 CIA

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SECRET

AGGREGATIVE DATA

Table 3

Percentage Distribution of Soviet Gross National Product, by End Use
(Adjusted Factor Cost ^a)
1955, 1960, and 1963-68

	Percent of Total							
	1955	1960	1963	1964	1965	1966	1967	1968 ^b
Consumption.....	61	59	58	56	56	56	56	56
Investment.....	21	28	29	29	30	31	32	33
New fixed.....	16	23	23	23	24	24	25	26
Other ^c	5	5	6	6	6	7	7	7
Defense.....	13	9	9	8	8	8	8	8
Administration.....	3	3	2	2	2	2	2	2
Inventory change, net exports, and statistical discrepancy.....	1	2	1	4	3	3	2	1
Total.....	100	100	100	100	100	100	100	100

^a Because of the well-known difficulties in using Soviet prices as a measure of resource burden, the shares of gross national product (GNP) in this table are based on GNP at factor cost. In calculating GNP at factor cost, 1960 end use weights have been revised from an established price basis to a factor cost basis by subtracting turnover taxes and profits and adding amortization charges, implicit interest costs, agricultural land rent, and subsidies. These revised weights are then moved over time by indexes of the value of the various end uses in constant market prices.

^b Preliminary.

^c Civilian research and development and expenditures on capital repair.

Table 4

Gross National Product ^a in Selected NATO Countries
1955, 1960, and 1963-68

NATO Countries	Billion 1967 US \$								Average Annual Rate of Growth ^b (Percent)	
	1955	1960	1963	1964	1965	1966	1967	1968	1956-60	1964-68
Belgium.....	12.7*	14.3*	16.6*	17.7*	18.4*	18.9*	19.5*	20.4*	2.5*	4.2*
Canada.....	33.9*	40.1*	46.1*	49.0*	52.4*	55.5*	57.3*	60.0*	3.4*	5.4*
Denmark.....	6.56*	8.25*	9.32*	10.2*	10.6*	10.8*	11.2*	11.4*	4.7*	4.1*
France.....	64.5*	81.4*	94.2*	100*	105*	111*	116*	121*	4.8*	5.1*
Greece.....	3.28*	4.23*	5.31*	5.79*	6.23*	6.71*	7.03*	7.47*	5.2*	7.1*
Italy.....	35.6*	46.6*	56.3*	57.9*	59.9*	63.2*	67.0*	70.4*	5.5*	4.6*
Luxembourg.....	0.501*	0.595*	0.638*	0.684*	0.698*	0.708*	0.722*	0.751*	3.5*	3.3*
Netherlands.....	13.5*	16.5*	18.4*	20.1*	21.1*	21.5*	22.7*	24.0*	4.1*	5.5*
Norway.....	5.08*	5.96*	6.88*	7.26*	7.63*	7.92*	8.32*	8.64*	3.2*	4.7*
Portugal.....	2.45*	3.04*	3.62*	3.87*	4.15*	4.29*	4.62*	4.85*	4.5*	6.0*
Turkey.....	5.70*	7.34*	8.25*	8.65*	9.04*	9.94*	10.6*	11.3*	5.2*	6.5*
UK.....	67.3*	77.2*	84.7*	89.5*	91.9*	93.6*	95.1*	98.3*	2.8*	3.0*
West Germany ^c ..	64.2*	92.5*	105*	112*	118*	121*	121*	129*	7.6*	4.3*

* An asterisk indicates that the data are unclassified.

^a The individual series for gross national product (GNP) for the various countries are acceptable when the data are not to be used for international comparisons. The series are inadequate for international comparisons because they are based on the conversion of GNP into a single currency using rates of exchange at par value. Such international comparisons are of doubtful value because the rates do not adequately indicate relative purchasing power. The more correct data for the majority of the countries for comparison of GNP are to be found in Table 1, p. 1.

^b The base years are 1955 and 1963, respectively. Rates of growth are derived from unrounded data.

^c Including data for West Berlin.

SECRET

3

AGGREGATIVE DATA

SECRET

Table 5
Indexes of Industrial Production ^a in Selected NATO and Communist Countries
1955, 1960, and 1963-68

	1960=100								Average Annual Rate of Growth ^b (Percent)	
	1955	1960	1963	1964	1965	1966	1967	1968 ^c	1956-60	1964-68
NATO COUNTRIES										
US.....	89*	100*	114*	122*	132*	144*	145*	152*	2.4*	5.9*
Belgium.....	88*	100*	121*	129*	132*	134*	137*	144*	2.6*	3.5*
France.....	74*	100*	117*	126*	128*	137*	140*	146*	6.2*	4.5*
Italy.....	65*	100*	132*	133*	140*	156*	169*	180*	9.0*	6.4*
Luxembourg.....	84*	100*	100*	109*	110*	106*	106*	112*	3.5*	2.3*
Netherlands.....	73*	100*	116*	128*	135*	143*	150*	166*	6.5*	7.4*
UK.....	88*	100*	105*	112*	116*	118*	117*	122*	2.6*	3.0*
West Germany.....	71*	100*	115*	124*	131*	133*	131*	146*	7.1*	4.9*
COMMUNIST COUNTRIES										
USSR and Eastern Europe										
USSR ^d	66	100	122	129	137	147	158	167	8.8	6.4
Eastern Europe.....	67*	100*	119*	128*	136*	145*	156*	167*	8.3*	7.0*
Bulgaria.....	52*	100*	133*	145*	162*	179*	200*	220*	14.0*	10.6*
Czechoslovakia.....	64*	100*	108*	110*	116*	122*	129*	135*	9.3*	4.6*
East Germany.....	71*	100*	113*	117*	122*	126*	134*	141*	7.1*	4.5*
Hungary.....	77*	100*	127*	138*	144*	152*	163*	169*	5.4*	5.9*
Poland.....	68*	100*	125*	137*	151*	161*	173*	189*	8.0*	8.6*
Rumania.....	64*	100*	136*	156*	171*	190*	214*	236*	9.3*	11.7*
Far East										
Communist China ^e	44-47	100	70-73	80-84	93-99	105-112	89-96	N.A.	16.5 ^f	6.6 ^g
Other										
Yugoslavia.....	55*	100*	133*	154*	166*	173*	172*	183*	12.7*	6.6*

* An asterisk indicates that the data are unclassified.

^a Indexes for the NATO countries are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing and mining and, in most countries, public utilities. Data for Belgium, France, Italy, Luxembourg, the Netherlands, the UK, and West Germany exclude the manufacture of food, beverages, and tobacco. The indexes for the Communist countries are estimates of this Office—constructed as nearly as possible on the same basis as the indexes for Western countries—or other calculations accepted by this Office. The indexes for the Communist countries include manufacturing, mining, and public utilities.

^b The base years are 1955 and 1963, respectively.

^c Preliminary.

^d Index of gross values for individual commodities and branches aggregated by 1960 value-added weights. The three sectors covered—materials, machinery, and nondurable consumer goods—constitute 47.0 percent, 30.1 percent, and 22.9 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of US industrial production of the US Federal Reserve Board.

^e Estimates of this Office computed by applying value-added weights to data for commodity production. The data are fragmentary and uncertain; therefore, the index should be regarded as providing only a tentative indication of the general level and trend in production.

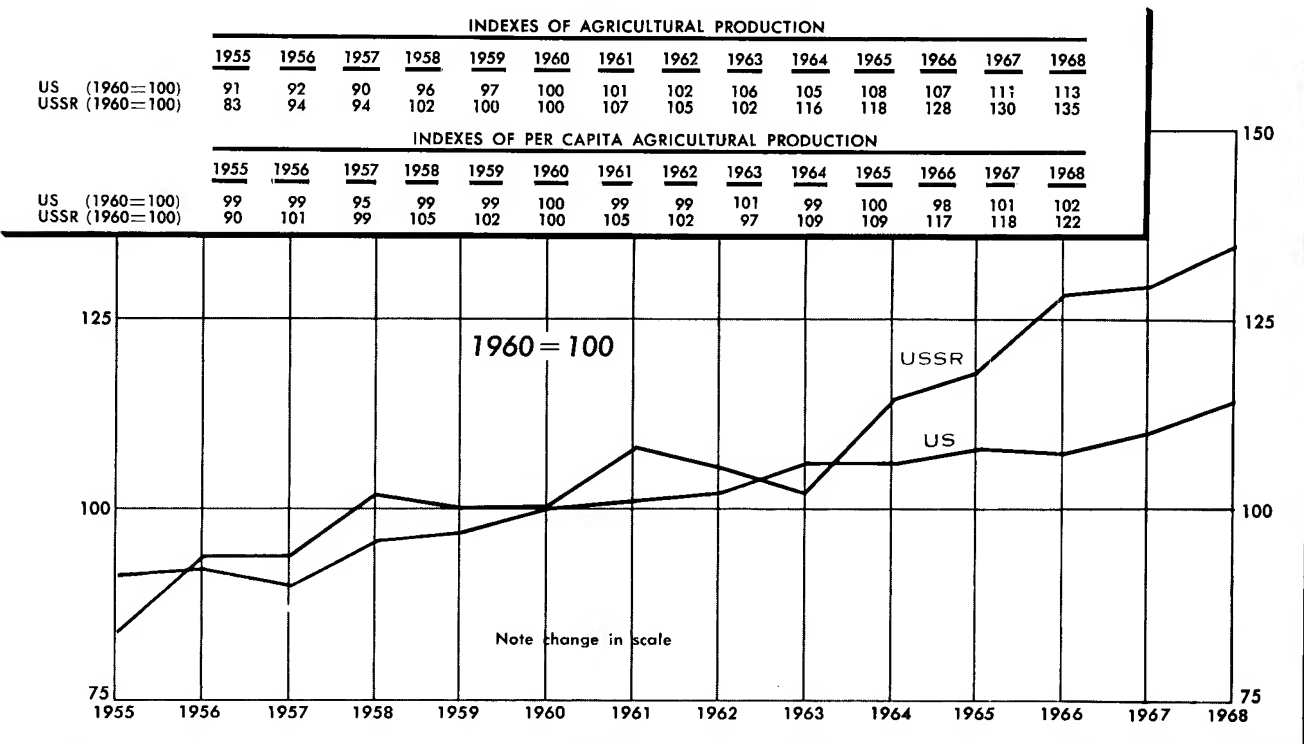
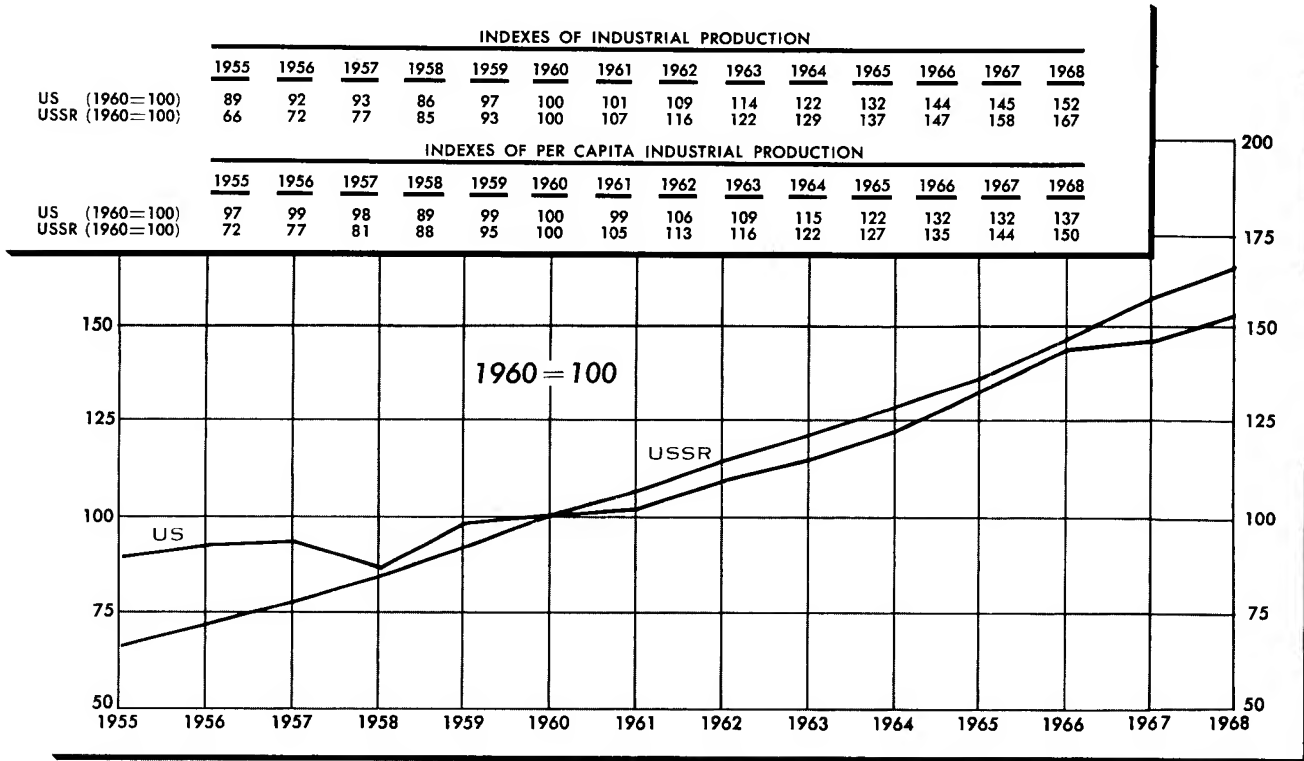
^f Based on the midpoint of the range.

^g Rate of growth for 1964-67.

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Figure 3

INDEXES OF INDUSTRIAL AND AGRICULTURAL PRODUCTION IN THE US AND THE USSR, 1955-68

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AGGREGATIVE DATA

Table 6

Indexes of Industrial and Agricultural Production ^a in the Eastern European Communist Countries
1955, 1960, and 1963-68

	1960=100								Average Annual Rate of Growth ^b (Percent)	
	1955	1960	1963	1964	1965	1966	1967	1968	1956-60	1964-68
Eastern European										
Industry.....	67*	100*	119*	128*	136*	145*	156*	167*	8.3*	7.0*
Agriculture.....	89	100	99	104	106	116	118	118	2.4	3.6
Bulgaria										
Industry.....	52*	100*	133*	145*	162*	179*	200*	220*	14.0*	10.6*
Agriculture.....	80	100	104	118	119	138	138	126	4.6	3.9
Czechoslovakia										
Industry.....	64*	100*	108*	110*	116*	122*	129*	135*	9.3*	4.6*
Agriculture.....	92	100	95	99	96	108	112	113	1.7	3.5
East Germany										
Industry.....	71*	100*	113*	117*	122*	126*	134*	141*	7.1*	4.5*
Agriculture.....	91	100	93	94	104	106	112	111	1.9	3.6
Hungary										
Industry.....	77*	100*	127*	138*	144*	152*	163*	169*	5.4*	5.9*
Agriculture.....	93	100	107	104	97	109	109	110	1.5	0.6
Poland										
Industry.....	68*	100*	125*	137*	151*	161*	173*	189*	8.0*	8.6*
Agriculture.....	84	100	99	105	107	114	113	119	3.5	3.7
Rumania										
Industry.....	64*	100*	136*	156*	171*	190*	214*	236*	9.3*	11.7*
Agriculture.....	96	100	102	109	117	131	132	126	0.8	4.3

* An asterisk indicates that the data are unclassified.

^a The indexes of industrial production are estimates of this Office—constructed as nearly as possible on the same basis as indexes for Western countries—or other calculations accepted by this Office. The indexes include manufacturing, mining, and public utilities. The indexes for agricultural production are estimates of this Office—based on the gross production of crops minus seed, waste, and feed (including imported grain), and livestock products (including changes in livestock numbers) using FAO/OECD Western European regional price weights (1952-56 average).

^b The base years are 1955 and 1963, respectively.

SECRET

5

AGGREGATIVE DATA

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

Table 7

Official Communist Indexes of Gross Industrial Production ^a
1955, 1960, and 1963-68

	1960=100								Average Annual Rate of Growth ^b (Percent)	
	1955	1960	1963	1964	1965	1966	1967	1968	1956-60	1964-68
COMMUNIST COUNTRIES										
USSR and Eastern Europe										
USSR.....	61	100	129	139	151	164	180	195	10.4	8.6
Eastern Europe										
Bulgaria.....	48	100	138	152	174	195	221	247	15.8	12.3
Czechoslovakia.....	60	100	115	120	129	138	148	156	10.8	6.3
East Germany.....	65	100	117	125	133	142	150	159 ^c	9.0	6.3
Hungary.....	70	100	127	138	145	155	169	177	7.4	6.9
Poland.....	63	100	126	138	150	161	174	190	9.7	8.6
Rumania.....	60	100	148	169	191	213	241	269 ^c	10.8	12.7
Far East										
North Korea.....	22	100	148	173	198	N.A.	N.A.	N.A.	35.4	15.7 ^d
North Vietnam.....	21	100	154	170	184	N.A.	N.A.	N.A.	36.6	9.3 ^d
Other										
Albania ^e	46	100	121	130	138	156	176	209 ^c	16.8	11.6

^a These indexes are measures of the "gross" value of production of industry at constant prices. The gross value of production is, in general, the sum of the value of output of all industrial enterprises. The definition of industry in Communist countries includes not only manufacturing, mining, and public utilities, as in most Western definitions of industry, but also certain other activities (varying from country to country).

^b The base years are 1955 and 1963, respectively.

^c Estimated.

^d Rate of growth for 1964-65.

^e Socialized industry only.

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AGGREGATIVE DATA

Table 8

Average Annual Rates of Growth ^a of Industrial Production, by Branch of Industry, in the USSR
Selected Years, 1956-68

	Percent							
	1956-60	1964-68	1963	1964	1965	1966	1967	1968 ^b
Industrial materials.....	9.2	6.6	6.6	7.2	7.5	6.5	7.0	4.9
Electric power.....	11.4	9.0	11.2	11.2	10.0	7.6	7.7	8.6
Coal.....	5.9	2.4	3.0	4.0	4.4	1.9	2.2	-0.2
Petroleum products and natural gas...	16.0	8.6	11.4	8.8	9.0	9.0	9.0	7.3
Ferrous metals.....	8.1	6.9	6.8	8.0	7.3	7.6	6.6	5.0
Nonferrous metals.....	7.3	8.1	8.0	7.7	8.6	8.8	9.6	6.0
Forest products.....	6.6	3.7	5.7	4.7	1.7	1.9	5.9	4.3
Paper and paperboard products.....	6.5	8.6	5.6	7.5	12.8	10.5	8.2	4.0
Construction materials.....	17.8	7.3	5.3	6.4	9.4	9.4	7.6	3.6
Chemicals.....	12.5	11.2	7.8	12.0	14.5	10.0	11.2	8.7
Machinery.....	9.8 8.6	6.5	5.8	3.5	3.7	9.4	8.8	7.1
Civilian.....	14.5 13.9	7.9	9.2	7.3	6.5	9.2	8.0	8.8
Military.....	4.1 2.8	4.0	1.0	-2.4	-0.9	9.9	10.2	4.1
Nondurable consumer goods.....	7.0	5.9	1.4	4.6	8.1	5.0	6.8	5.2
Soft goods.....	6.8	5.3	2.2	4.2	2.3	7.4	7.0	5.7
Processed foods.....	7.2	6.7	0.4	5.0	15.2	2.4	6.5	4.6
Total industrial production.....	8.8	6.4	5.2	5.5	6.4	7.1	7.5	5.7

^a The base year is the year before the first year of the stated period. Rates of growth are derived from unrounded data.

^b Preliminary.

SECRET

7

Table 9
Soviet State Budget
Selected Years, 1955-69

Billion New Rubles

Category	1955	1960	1964	1965	1966	1967	1968		1969
	Actual	Actual	Actual	Actual	Actual	Actual	Plan	Actual	Plan
Revenues									
Social Sector.....	47.62	70.14	87.01	93.89	97.02	107.1	112.77	118.9	121.64
Turnover Tax.....	24.24	31.34	36.69	38.66	39.31	40.1	42.2	40.8	43.0
Profit Deductions.....	10.28	18.64	28.73	30.87	35.67	41.8	43.8	48.2	48.0
Taxes on Enterprises and Organizations.....	1.24	1.85	1.35	1.55	1.15	1.3	26.8	29.9	30.6
Social Insurance Receipts.....	2.61	3.74	4.95	5.56	6.00	6.5			
Residual.....	9.25 ^a	14.58	15.29	17.25	14.89	17.4 ^b			
Private Sector.....	8.81	6.94	7.39 ^c	8.43 ^c	9.27 ^c	10.1 ^c	11.15 ^c	11.3 ^c	12.5 ^c
State Taxes on the Population.....	4.83	5.60	6.75	7.70	8.44	9.3	10.3	N.A.	11.5
State Loans.....	3.68	0.91	0.11 ^c	0.18 ^c	0.22 ^c	0.1	0.8 ^c	N.A.	1.0 ^c
Local Taxes and Lottery Revenue.....	0.30	0.43	0.53	0.55	0.61	0.7			
Total.....	56.43	77.08	94.40 ^c	102.32 ^c	106.30 ^c	117.2 ^c	123.91 ^c	130.2 ^c	134.1 ^c
Expenditures									
Financing the National Economy.....	23.31	34.13	40.60	44.92	45.18	52.8	50.19	58.4	58.32
Industry and Construction.....	10.95	15.59	18.87	20.99	21.06	N.A.	23.9	N.A.	22.2
Agriculture and Procurement.....	5.84 ^d	4.75	8.67	6.77	6.30	N.A.	9.0	N.A.	9.2
Transport and Communications.....	1.95	2.81	2.77	2.83	2.61	N.A.	2.3	N.A.	2.6
Trade.....	1.07	3.59	1.79	2.27	2.84	N.A.	4.0	N.A.	6.5
Municipal Economy and Housing.....	0.90	3.22	3.79	4.23	4.53	N.A.	11.0	N.A.	4.9
Other.....	2.60	4.17	4.71	7.83	7.83	N.A.			
Social-Cultural Measures.....	14.72	24.94	33.31	38.16	40.76	43.48	45.81	48.7	51.12
Education, Science, and Culture.....	6.88	10.31	15.10	17.51	18.73	20.09	21.0	22.1	23.2
Health and Physical Culture.....	3.13	4.84	5.66	6.67	7.10	7.45	7.6	8.1	8.4
Social Welfare.....	4.71	9.79	12.55	13.99	14.93	15.94	17.1	18.5	19.5
Administration.....	1.25	1.09	1.11	1.28	1.41	1.5	1.53	1.6	1.6
Defense.....	10.74	9.30	13.28	12.78	13.40	14.5	16.70	16.7	17.7
Loan Service.....	1.43	0.7	0.1	0.1	0.1	0.2	0.2 ^b	0.2 ^b	0.2 ^b
Reserve Funds of the Councils of Ministers.....	0	0	0	0	0	0	9.17 ^b	3.4 ^b	5.0 ^b
Residual.....	2.51	2.97	3.83	4.38	4.73	2.7 ^b			
Total.....	53.95	73.13	92.23	101.62	105.58	115.24	123.60	129.0	133.9
Budget Surplus.....	2.48	3.95	2.17 ^c	0.70 ^c	0.72 ^c	1.92 ^c	0.31 ^c	1.2 ^c	0.20 ^c

^a Including revenues from machine tractor stations.^b Estimated.^c Not comparable with previous years, as a consequence of the elimination from budgetary revenue of revenue from the savings deposits of the population.^d Including expenditures on machine tractor stations.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

SOVIET INVESTMENT AND
FINANCE

Table 10

Soviet Gross Fixed Investment, by Function and by Sector ^a
1955, 1960, and 1963-68Million New Rubles ^b

	1955 ^c	1960	1963	1964	1965	1966	1967	1968 ^{c d}
Total investment.....	19,600	35,914	41,320	44,986	48,733	52,339	56,742	61,500
By function ^e								
Construction.....	12,700	24,000	25,200	26,700	29,000	31,100	33,600	36,300
Equipment.....	5,400	9,700	13,400	15,200	16,300	17,200	18,600	20,200
Other capital outlays.....	1,500	2,200	2,700	3,100	3,400	4,100	4,500	5,000
Productive investment.....	13,300	22,013	26,721	30,258	32,407	34,222	36,576	39,800
By function ^e								
Of which:								
Construction.....	7,200	12,000	13,000	14,600	15,400	16,100	17,000	18,300
Equipment.....	4,900	8,300	11,700	13,300	14,300	14,900	16,100	17,500
By sector								
Industry ^f	7,500	12,673	14,884	16,718	17,676	18,288	19,523	21,200
Ferrous metallurgy.....	600	1,192	1,415	1,395	1,543	1,466	1,681	N.A.
Chemicals.....	300	890	1,433	1,948	1,833	1,769	1,737	N.A.
Fuels and power.....	2,800	3,739	4,437	5,112	5,690	6,026	6,222	N.A.
Machine building.....	1,100	1,787	2,405	2,580	2,755	3,021	3,423	N.A.
Construction materials.....	300	997	939	841	866	911	975	N.A.
Consumer goods.....	900	1,945	1,908	2,074	2,295	2,531	2,692	N.A.
Other.....	1,500	2,123	2,347	2,768	2,694	2,564	2,793	N.A.
Construction industry.....	600	1,021	1,074	1,200	1,312	1,547	1,785	2,000
Agriculture.....	3,600	4,891	6,548	7,815	8,574	9,385	10,041	11,100
Transport and communications.....	1,600	3,428	4,215	4,525	4,845	5,002	5,227	5,500
Nonproductive investment.....	6,300	13,901	14,599	14,728	16,326	18,117	20,166	21,700
By function ^e								
Of which:								
Construction.....	5,500	12,000	12,200	12,100	13,600	15,000	16,600	18,000
Equipment.....	500	1,400	1,700	1,900	2,000	2,300	2,500	2,700
By sector								
Housing.....	3,800	8,209	7,654	7,334	8,162	8,957	9,643	10,200
Welfare services.....	2,500	5,692	6,945	7,394	8,164	9,160	10,523	11,500

^a Data differ from those presented in the previous *Handbook* because of a revision in Soviet classifications of investment. Investment in agricultural procurement facilities and in forestry was transferred from the agricultural sector to the services sector. This revision affected the distribution between productive and nonproductive investment as well, but not total investment.

^b Data are expressed in investment prices of 1 July 1955 adjusted to reflect subsequent introduction of the following changes: new unit valuations (1956), reduction of overhead cost norms (1958), reduction of equipment installation prices (1959), and reduction of prices for project-survey work and of unit valuations for some types of construction-installation work (1962).

^c Estimated to the nearest hundred million rubles.

^d Preliminary.

^e Rounded to the nearest hundred million rubles.

^f Excluding the construction industry. Investment figures for individual branches of industry have been estimated for 1955 and 1963.

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SOVIET INVESTMENT AND FINANCE

SECRET

Table 11

Drawings and Scheduled Repayments on Western Credits to the USSR ^a
1959-68

Year	Million US \$				
	Estimated Drawings ^b	Scheduled Repayments ^c	Interest ^d	Net Credits	Outstanding at End of Year
1959.....	60	12	0	48	48
1960.....	125	37	2	86	136
1961.....	165	70	6	89	231
1962.....	180	106	10	64	305
1963.....	140	130	14	-4	315
1964.....	170	147	15	8	338
1965.....	200	150	17	33	388
1966.....	265	149	21	95	504
1967.....	255	144	29	82	615
1968.....	285	180	36	69	720

^a There is no record that any credits were extended to the USSR by Western countries before 1959.

^b Range of error of plus or minus 20 percent for 1959-62 and 10 percent for 1963-68.

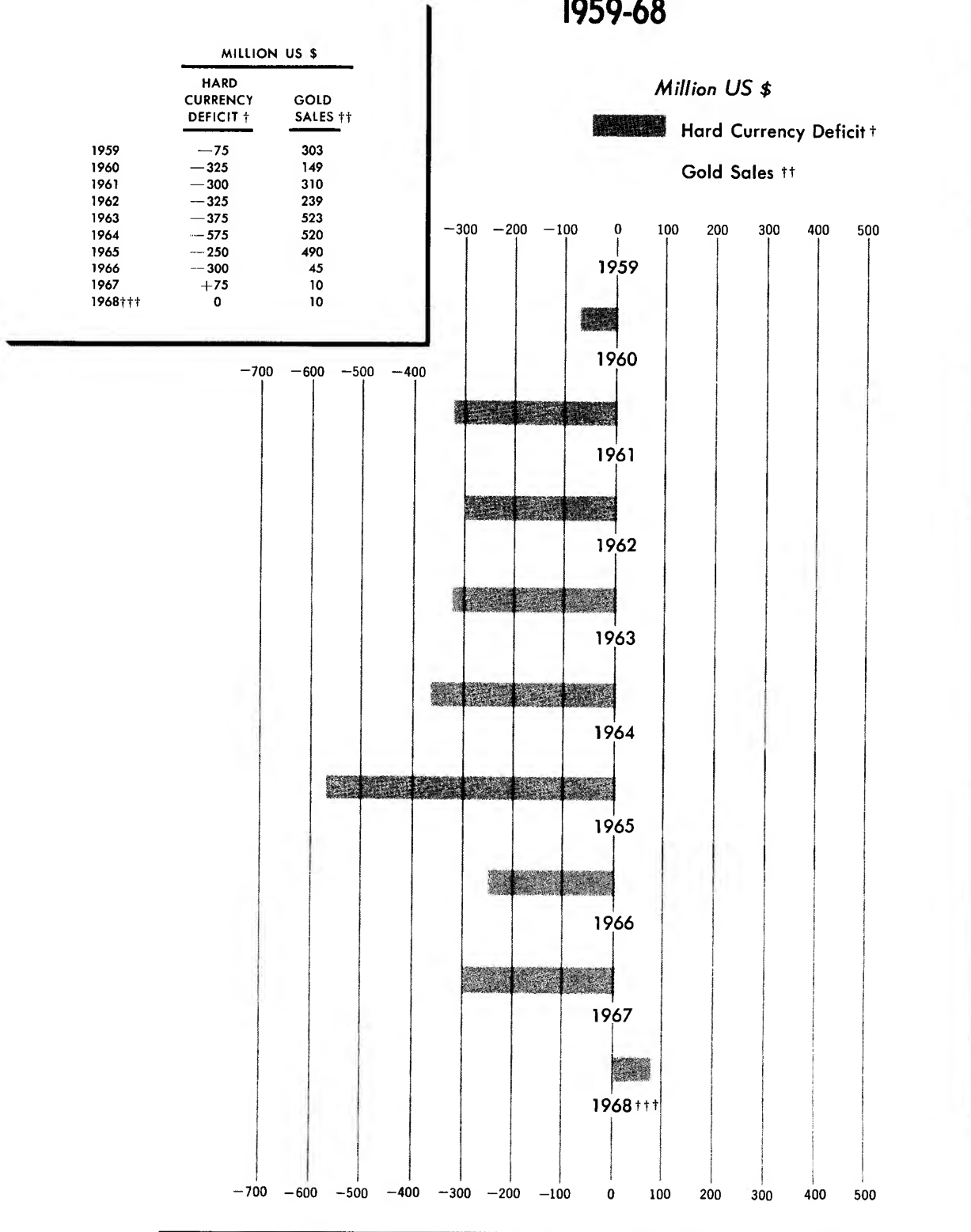
^c Including downpayments.

^d Interest computed at 5 percent on medium-term credits (five years or less) and at 6 percent on all long-term credits (more than five years) except the Fiat credit, which is computed at its announced rate of 5.75 percent.

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Figure 4

SOVIET HARD CURRENCY PAYMENTS DEFICIT 1959-68



† Hard currency deficit is primarily a trade deficit.

†† Based on a value of \$35 per troy ounce.

††† Preliminary.

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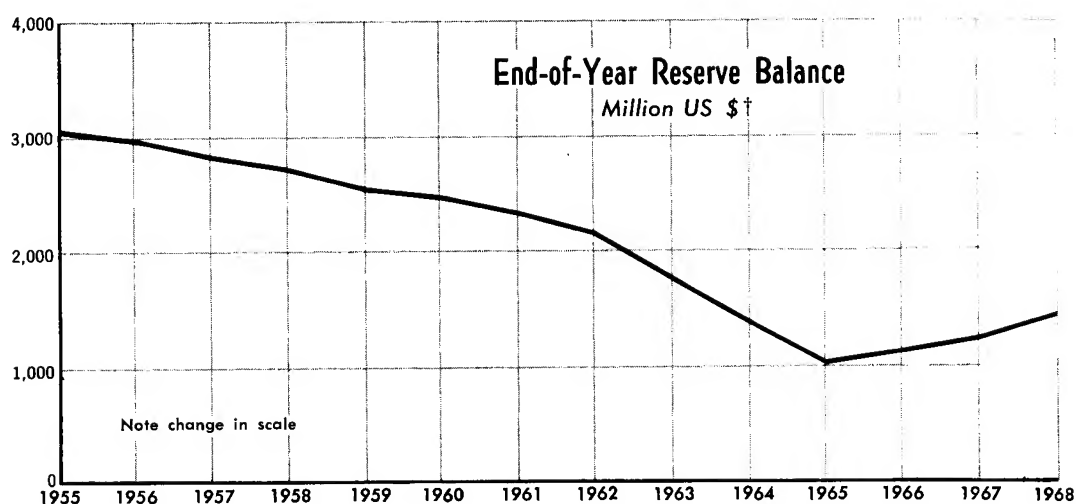
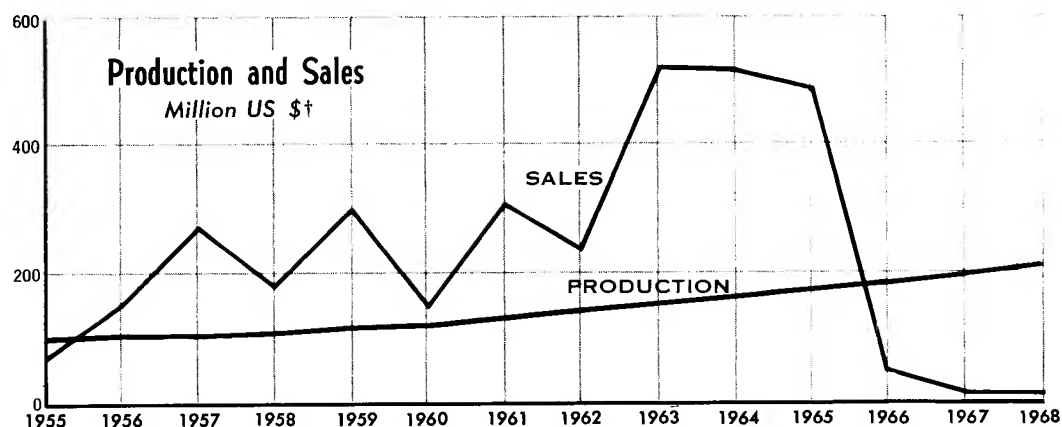
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Figure 5

PRODUCTION, DISPOSITION, AND RESERVES OF GOLD IN THE USSR, 1955-68

	MILLION US \$ †													
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
PRODUCTION	101	104	104	109	116	124	133	143	153	164	176	188	200	211
NET CONSUMPTION	18	20	21	22	24	27	28	30	30	32	34	36	38	40
SALES	70	154	275	182	303	149	310	239	523	520	490	45	10	10
OTHER ADDITIONS AND WITHDRAWALS	+11	+Negl.	+21	+14	+18	0	0	0	0	0	0	0	-10	0
CHANGE IN RESERVES	+24	-70	-171	-81	-193	-52	-205	-126	-400	-388	-348	+107	+142	+161
END - OF - YEAR RESERVE BALANCE	3,042	2,972	2,801	2,720	2,527	2,475	2,270	2,144	1,744	1,356	1,008	1,115	1,257	1,418



† Based on a value of \$35 per troy ounce.

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PERFORMANCE AND PLAN

Table 12

Comparison of Selected Economic Data for the US and the USSR
1955, 1960, and 1963-68

Product, Unit of Measure, and Country	1955	1960	1963	1964	1965	1966	1967	1968
Gross national product (billion 1967 US \$)								
US.....	513.6*	572.0*	646.1*	681.8*	724.4*	770.5*	789.7*	828.8*
USSR *.....	195.2	261.4	301.7	323.9	344.8	368.3	390.1	411.5
Index of industrial production (1960=100)								
US.....	89*	100*	114*	122*	132*	144*	145*	152*
USSR.....	66	100	122	129	137	147	158	167
Total population (midyear population in millions)								
US.....	165.9*	180.7*	189.4*	192.1*	194.6*	196.9*	199.1*	201.2*
USSR.....	196.1*	214.2*	224.8*	227.8*	230.6*	233.1*	235.6*	237.8*
Electric power (gross), (billion kilowatt-hours)								
US.....	668*	894*	1,075*	1,152*	1,230*	1,328*	1,399*	1,523*
USSR.....	170*	292*	412*	459*	507*	545*	588*	638*
Primary energy (million metric tons of coal equivalents ^b)								
US.....	1,319*	1,429*	1,587*	1,655*	1,719*	1,814*	1,860*	1,942*
USSR.....	436*	663*	821*	883*	942*	1,006*	1,063*	1,126*
Passenger automobiles (thousand units)								
US ^c	7,930*	6,675*	7,638*	7,752*	9,306*	8,598*	7,437*	8,822*
USSR.....	108*	139*	173*	185*	201*	230*	251*	280*
Crude steel (million metric tons)								
US.....	106.2*	90.1*	99.1*	115.2*	119.0*	121.6*	115.1*	118.7*
USSR.....	45.3*	65.3*	80.2*	85.0*	91.0*	96.9*	102.2*	106.5*
Grain (million metric tons)								
US ^d	154* ^e	181*	177*	164*	183*	183*	206*	201*
USSR ^f	104* ^e	93*	92*	120*	100*	140*	122*	135*
Meat ^g (million metric tons)								
US ^h	12.2*	12.8*	13.9*	14.8*	14.3*	14.8*	15.5*	16.0*
USSR ⁱ	5.7*	7.4*	8.9*	7.3*	8.8*	9.4*	10.1*	10.2*
Synthetic fibers (thousand metric tons)								
US.....	172*	307*	524*	638*	806*	938*	1,058*	1,446*
USSR.....	8.9*	15.0*	42.6*	56.9*	77.5*	96.3*	115.8*	129.6*
Domestic transport performance (billion metric ton-kilo- meters)								
US.....	2,320*	2,370*	2,560*	2,680*	2,810*	2,970*	2,990*	3,130*
USSR.....	1,130*	1,790*	2,120*	2,270*	2,420*	2,530*	2,710*	2,880*

* An asterisk indicates that the data are unclassified.

^a Converted at US purchasing power equivalents.^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^c Data are for factory sales and include complete units exported for assembly.^d Excluding corn silage and forage but including sorghum for grain.^e Annual average for 1955-59.^f Including miscellaneous grains and pulses.^g Data are on a carcass weight, bone-in basis.^h Excluding slaughter fats, poultry, rabbit, and variety meats.ⁱ Including slaughter fats, poultry, and edible offal.

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11

PERFORMANCE AND PLAN

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

Table 13

Representative Factors of Consumption in the Economies of the US and the USSR
1955, 1960, 1965, and 1968

	1955	1960	1965	1968
Food				
Grain production ^a (million metric tons)				
US ^b	154 ^c	181	183	201
USSR ^d	104 ^c	93	100	135
Meat production ^e (million metric tons)				
US ^f	12.2	12.8	14.3	16.0
USSR ^g	5.7	7.4	8.8	10.2
Persons supplied per farm worker (persons)				
US.....	20	25	35	43
USSR.....	4	5	5	6
Housing				
Housing construction (million square meters)				
US.....	187	144	158	157
USSR.....	56	110	98	102
Per capita housing construction (square meters)				
US.....	1.13	0.80	0.81	0.78
USSR.....	0.29	0.51	0.42	0.43
Transportation				
Automobile production (thousand units)				
US ^h	7,920	6,675	9,306	8,822
USSR.....	108	139	201	280
Automobiles in use (thousand units)				
US ⁱ	52,145	61,682	75,251	82,821
USSR ^j	396	691	999	1,290
Communications				
Television receivers in use ^k (million units)				
US.....	38	56	71	83
USSR.....	0.8	4.8	16	28
Radio receivers in use ^k (million units)				
US.....	124	168	242	301
USSR.....	13	28	38	44
Production of household equipment				
Washing machine production (thousand units)				
US.....	4,237	3,274	4,347	4,520
USSR.....	87	895	3,430	4,700
Refrigerator production (thousand units)				
US.....	4,200	3,475	4,930	5,150
USSR.....	151	529	1,675	3,200

^a The data do not necessarily represent food available for consumption, because imports of foreign grain and exports of domestically produced grain are not included.

^b Excluding corn silage and forage but including sorghum for grain.

^c Annual average for 1955-59.

^d Including miscellaneous grains and pulses.

^e Data are on a carcass weight, bone-in basis.

^f Excluding slaughter fats, poultry, rabbit, and variety meats.

^g Including slaughter fats, poultry, and edible offal.

^h Data are for factory sales and include complete units exported for assembly.

ⁱ As of the end of the registration year.

^j Based on data for production, imports, exports, and estimated retirements.

^k As of the end of the year.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED
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ALL DATA IN THIS TABLE ARE UNCLASSIFIED

PERFORMANCE AND PLAN

Table 14

Soviet Economic Plan for 1970

Commodity	Unit of Measure	Production		Average Annual Rate of Growth ^a (Percent)		
		Actual 1968	Planned 1970	Actual 1968	Planned 1966-70	Actual 1959-65
Aggregative data						
Index of national income ^b	1965=100	125	138-141	7.2	6.9	6.9
Gross industrial production ^c	1965=100	129	153	8.1	8.9	9.1
Group A (producers' goods)	1965=100	130	155	8.0	9.2	10
Group B (consumer goods)	1965=100	127	143-149	8.3	8.3	6.9
Industrial labor productivity	1965=100	118	133-135	5.0	6.0	5.1
Fuels and power						
Electric power	Billion kilowatt-hours	638	800	8.6	9.6	12
Total coal	Million metric tons	594	622.5	-0.2	1.5	2.3
Crude oil	Million metric tons	309	347-350	7.3	7.5	12
Natural gas ^d	Billion cubic meters	171	215	7.3	11	23
Metals						
Crude steel	Million metric tons	106.5	124	4.2	6.4	7.5
Rolled steel	Million metric tons	85.2	95-99	4.3	6.5	7.4
Pig iron	Million metric tons	78.8	94-97	5.3	7.6	7.6
Chemicals						
Mineral fertilizer (Soviet statistical reporting units)	Million metric tons	43.4	62	8.3	15	14
Plastics and synthetic resins	Thousand metric tons	1,293	1,800	16	18	19
Manufacturing and construction						
Passenger automobiles	Thousand units	280.3	600	11	24	7.4
Trucks and buses	Thousand units	520.6	800	9.0	14	0.9
Tractors	Thousand units	423	525	4.4	8.2	7.1
Television receivers	Million units	5.7	7.5-7.7	14	16	21
Rubber tires	Million units	31.8	38-40	7.3	8.1	9.1
Cement	Million metric tons	87.5	100-105	3.2	7.2	12

^a The base year is the year before the first year of the stated period, and percentages for the plan data are based on the midpoint of the ranges, where given.

^b The official Soviet measure is based on a Marxist concept of national income and differs significantly from the concept used in Western market economies. For example, the Soviet measure excludes the value of services and overstates the contribution of industry by including all indirect taxes.

^c Official "gross" value series.

^d Including production of gas from coal and shale. Table 88, p. 84, excludes production of gas from these sources.

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MILITARY

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Table 15

Distribution of Defense and Space Expenditures,^a by Major Mission, in the US and the USSR
1968

	US ^b (Fiscal Year)	USSR ^c (Calendar Year)	
	Billion Current US \$	Billion 1966 US \$	Billion New Rubles ^d
Strategic attack.....	4.8	6.5	2.6
Strategic defense.....	1.8	5.4	2.0
General purpose.....	32.6	17.3	5.4
RDTE & S ^e	14.3	13-14	6.4
Other.....	26.6	16.8	4.6
Total.....	80.1	59-60	20.9

^a To achieve as high a degree of comparability as possible, adjustments have been made to the basic data available for both the US and USSR. For example, the ruble data, by mission, shown here differ somewhat from the comparable 1968 data shown in Table 16, p. 15. All expenditures for research, development, test, and evaluation (RDT & E) activities associated with military programs as well as expenditures for both civilian and military space programs have been aggregated and are included under RDTE & S (RDTE and space programs). All expenditures for nuclear warheads have been aggregated and are included under "Other." All expenditures for military assistance and civil defense programs have been excluded.

^b Planned total obligational authority (TOA). It should be noted that the pattern of expenditures shown for the US is not representative of the pre-Vietnam period.

^c These data for the USSR are reviewed and updated several times each year. Therefore, if they are to be used for more than general background purposes, the Office of Strategic Research should be consulted to insure that they represent the latest available information. The Soviet expenditures presented in dollars are measures of Soviet programs computed on the basis of US factor costs and do not measure program costs as seen by Soviet planners.

^d In 1955 prices.

^e Expenditures for research, development, test, and evaluation for all military programs and nuclear energy programs as well as all expenditures for military and civilian space programs.

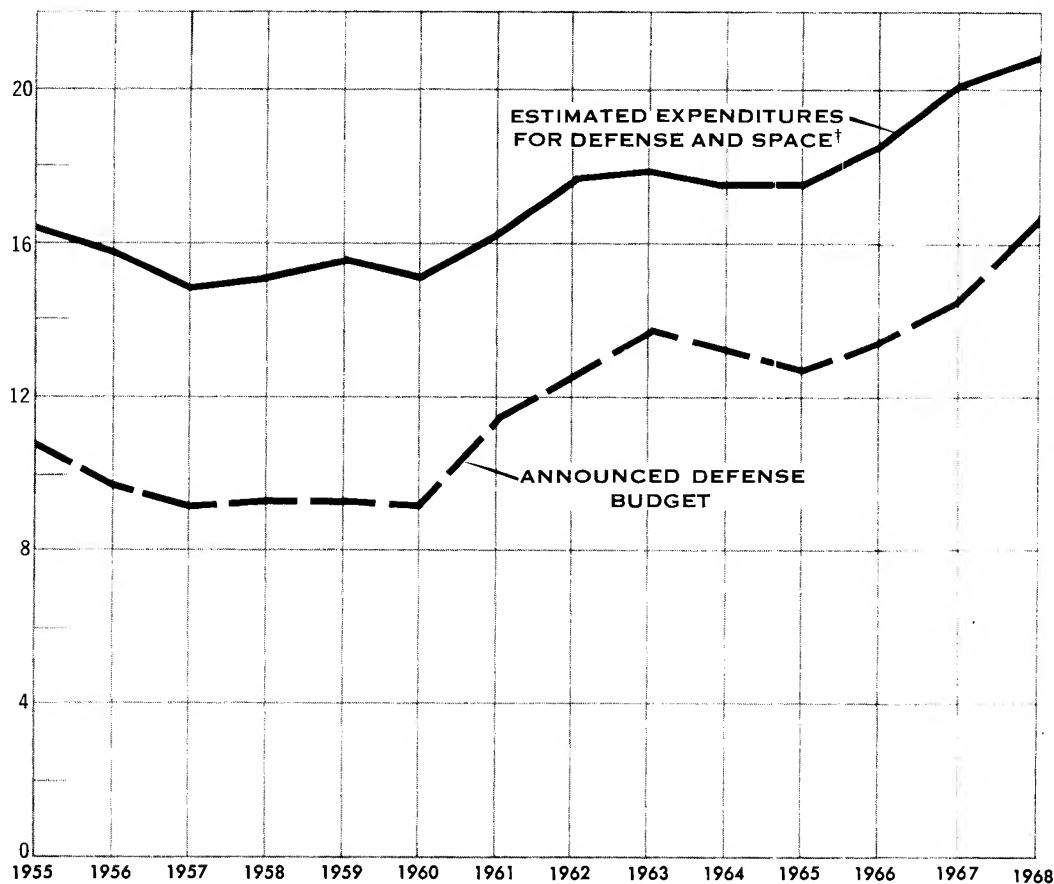
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Figure 6

ESTIMATED SOVIET EXPENDITURES FOR DEFENSE AND SPACE 1955-68

	BILLION NEW RUBLES													
	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
ESTIMATED EXPENDITURES FOR DEFENSE AND SPACE†	16.6	15.9	15.0	15.3	15.8	15.4	16.3	17.9	18.0	17.7	17.7	18.9	20.2	20.9
ANNOUNCED DEFENSE BUDGET	10.7	9.7	9.1	9.4	9.4	9.3	11.6	12.6	13.9	13.3	12.8	13.4	14.5	16.7

*Billion
New Rubles*



† In 1955 prices.

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Table 16

Estimated Soviet Expenditures for Defense and Space,^a by Mission
1955, 1960, and 1965-68

	Billion New Rubles ^b					
	1955	1960	1965	1966	1967	1968
Mission						
Strategic attack.....	2.0	2.6	2.2	2.8	3.2	3.2
Strategic defense.....	1.9	2.2	1.6	1.8	2.0	2.4
Ground ^c	6.0	3.2	3.6	3.5	3.5	3.4
Naval ^d	2.4	1.5	1.8	1.8	1.8	1.8
Military transport aviation.....	0.3	0.7	0.6	0.6	0.6	0.6
RDTE & S ^e	1.0	2.6	5.0	5.5	5.9	6.4
Command and general support ^f	3.0	2.6	2.9	2.9	3.0	3.2
Total military expenditures.....	16.6	15.4	17.7	18.9	20.2	20.9
Of which:						
Military machinery.....	8.1	9.0	10.9	12.0	13.1	13.7

^a These data are reviewed and updated several times each year. Therefore, if they are to be used for more than general background purposes, the Office of Strategic Research should be consulted to insure that they represent the latest available information. The estimates conceptually include all outlays for personnel and other operating costs, procurement of all hardware used by the military establishment (including nuclear warheads), construction of facilities, military and nuclear research and development activities, and all space programs but exclude military assistance programs. Many of the funds required to cover these expenditures come from sources other than the budget category labeled "Defense" by the USSR. Most of the figures in the table are derived from detailed calculations of the estimated size and cost to deploy and operate individual program elements of the Soviet military establishment. These estimates are subject to considerable uncertainty and should not be considered as precise measures. Nevertheless, the estimates are as accurate and as comprehensive as the data available during April 1969 permitted.

^b In 1955 prices.

^c Including expenditures for tactical aviation.

^d Including expenditures for naval aviation.

^e Expenditures for research, development, test, and evaluation for all military and nuclear energy programs as well as all expenditures for military and civilian space programs. These data include personnel costs for military personnel associated with RDTE & S programs. The estimates in this table are derived from analysis of published Soviet financial data and do not represent detailed calculations of the estimated magnitude and cost of individual programs.

^f Expenditures for reserve training, militarized security forces, retirement pay, and paramilitary training, in addition to command and support for the active military establishment.

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Table 17

Estimated Soviet Expenditures for Defense and Space, by Category of Expenditures ^a
1955, 1960, and 1965-68

	Billion New Rubles ^b					
	1955	1960	1965	1966	1967	1968
Investment.....	6.6	6.0	4.9	5.5	6.1	6.0
Procurement.....	6.0	5.4	4.5	5.0	5.7	5.6
Land armaments and ammunition.....	0.7	0.3	0.3	0.3	0.3	0.3
Naval ships and boats.....	0.6	0.5	0.5	0.5	0.6	0.6
Aircraft.....	2.8	1.0	0.9	0.8	0.8	0.8
Missile systems.....	0.3	1.4	0.9	1.6	1.9	1.8
Electronic equipment.....	0.4	0.6	0.3	0.3	0.3	0.3
Nuclear weapons.....	0.2	0.9	1.0	0.9	1.1	1.1
Other.....	1.0	0.6	0.6	0.6	0.6	0.7
Facilities.....	0.6	0.6	0.4	0.5	0.5	0.4
Operating expenditures.....	9.1	7.0	8.0	8.1	8.4	8.8
Personnel.....	6.2	4.4	4.7	4.8	4.9	5.1
Operation and maintenance.....	2.9	2.6	3.3	3.3	3.5	3.7
RDTE & S ^c	0.9	2.4	4.8	5.3	5.7	6.1
Total.....	16.6	15.4	17.7	18.9	20.2	20.9

^a These data are reviewed and updated several times each year. Therefore, if they are to be used for more than general background purposes, the Office of Strategic Research should be consulted to insure that they represent the latest available information. The estimates conceptually include all outlays for personnel and other operating costs, procurement of all hardware used by the military establishment (including nuclear warheads), construction of facilities, military and nuclear research and development activities, and all space programs but exclude military assistance programs. Many of the funds required to cover these expenditures come from sources other than the budget category labeled "Defense" by the USSR. Most of the figures in the table are derived from detailed calculations of the estimated size and cost to deploy and operate individual program elements of the Soviet military establishment. These estimates are subject to considerable uncertainty and should not be considered as precise measures. Nevertheless, the estimates are as accurate and as comprehensive as the data available during April 1969 permitted.

^b In 1955 prices.

^c Excluding military personnel related costs and therefore differing slightly from the RDTE & S data shown in Table 16, p. 15.

Table 18
Construction of Naval Ships, by Type, in the Communist Countries
1960 and 1963-68

								Units
		1960	1963	1964	1965	1966	1967	1968
COMMUNIST COUNTRIES								
USSR								
Submarines								
Attack								
Nuclear.....	N, C, or V.....	2	2	2	1	1	2	4
Diesel.....	F, Q, W, Z, or B.....	6	4	5	5	6	2	3
Ballistic missile								
Nuclear.....	.....	3 ^a					1 ^b	5 ^b
Diesel.....	G.....	7						
Cruise missile								
Nuclear.....	E-I and E-II.....	2	6	6	6	4	1	
Diesel.....	J.....		3	2	2	2	2	2
Helicopter carrier.....							1	
Moskva.....								
Destroyers								
Guided missile.....	Kashin, Kildin, Kotlin, Krupnyy, Kynda, and Kresta.....	3	2	3	4	3	4	5
Guided missile motorboats.....	Osa and Komar.....	40	25	20	20	20	18	18
Patrol craft.....	Mirka, Petya, Poti, and SO-1.....	26	24	21	22	21	24	22
Patrol craft.....	MO-VI, P-6, P-10, Shershen, and Pehela.....	35		6	13	18	18	14
Mine ships.....	Sasha, T-58, Vanya, Yurka, and Alesha.....	11	18	18	18	18	18	16
Auxiliaries.....	Don, Dnepr, EX-T-58, Lama, Prut, Uda, Ugra, and Luza.....	3	5	5	4	3	3	2
Amphibious.....								
Alligator, MP-8, MP-10, MP-SMB-1, and Vydra....		33			6	3	14	28
East Germany								
Patrol craft.....	Forelle, Hai I, Hai II, Hai III, and Iltis.....		5	11	19	18		
Mine ships.....	Kondor.....						1	1
Amphibious.....	Labo 100 and Labo 500.....		8	2				
Poland								
Patrol craft.....	Gdansk, Oksywie, and OP-301.....	5			1	3 ^e	3 ^e	1 ^e
Mine ships.....	Krogulec, T-43, and TR-40.....	11	2	2	1	2	5	
Auxiliaries.....	N. Zubov, Oskol, Samara, and Moma.....		3	11	9	7		4
Amphibious.....	Polnochny.....		4	9	14	16	17	10
Communist China								
Submarines.....	R, W, and G.....	1		1	2	2	1	
Destroyer escort.....	Kiangnan.....					2	2	
Guided missile motorboats.....	Osa and Komar.....		1	1	2	4	2	2
Patrol craft.....	Hainan.....			1	1		1	1
Patrol craft.....	Torpedo boats (PT) and motor gunboats (PGM).....	28	8	25	50	95	80	65
Mine ships.....	T-43.....	2	2	1	2	4		1
Auxiliaries ^d.....	.....		1	6	7	11	7	6
Amphibious.....	LCM and LCT.....	30	5	10	15	30	25	25

^a H class.

^b Y class.

^c Shershen and Obluze classes.

^d More than 150 feet.

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Table 19

Production of Military Aircraft, by Type, in the US and the Communist Countries
1967 and 1968

	Units							
	Bombers ^a		Fighters ^a		Transports		Other ^b	
	1967	1968	1967	1968	1967	1968	1967	1968
US ^c	1	2	1,264 ^d	1,248 ^d	178	53	3,433	3,576
Communist Countries ^c	46	46	1,300	1,000	160	130	1,200	900
USSR and Eastern Europe...	46	46	990	830	100	110	1,100	680
USSR.....	46	46	990	830	60	70	190	210
Eastern Europe.....	0	0	0	0	40	40	900	470
Czechoslovakia.....	0	0	0	0	0	0	830	370
Poland.....	0	0	0	0	40	40	70	100
Far East.....	0	0	300	180	60	20	90	220
Communist China.....	0	0	300	180	60	20	90	220

^a Including reconnaissance aircraft.

^b Data are for trainers, helicopters, and antisubmarine warfare, warning, utility, and reconnaissance aircraft.

^c Data are official military acceptances.

^d Including attack aircraft.

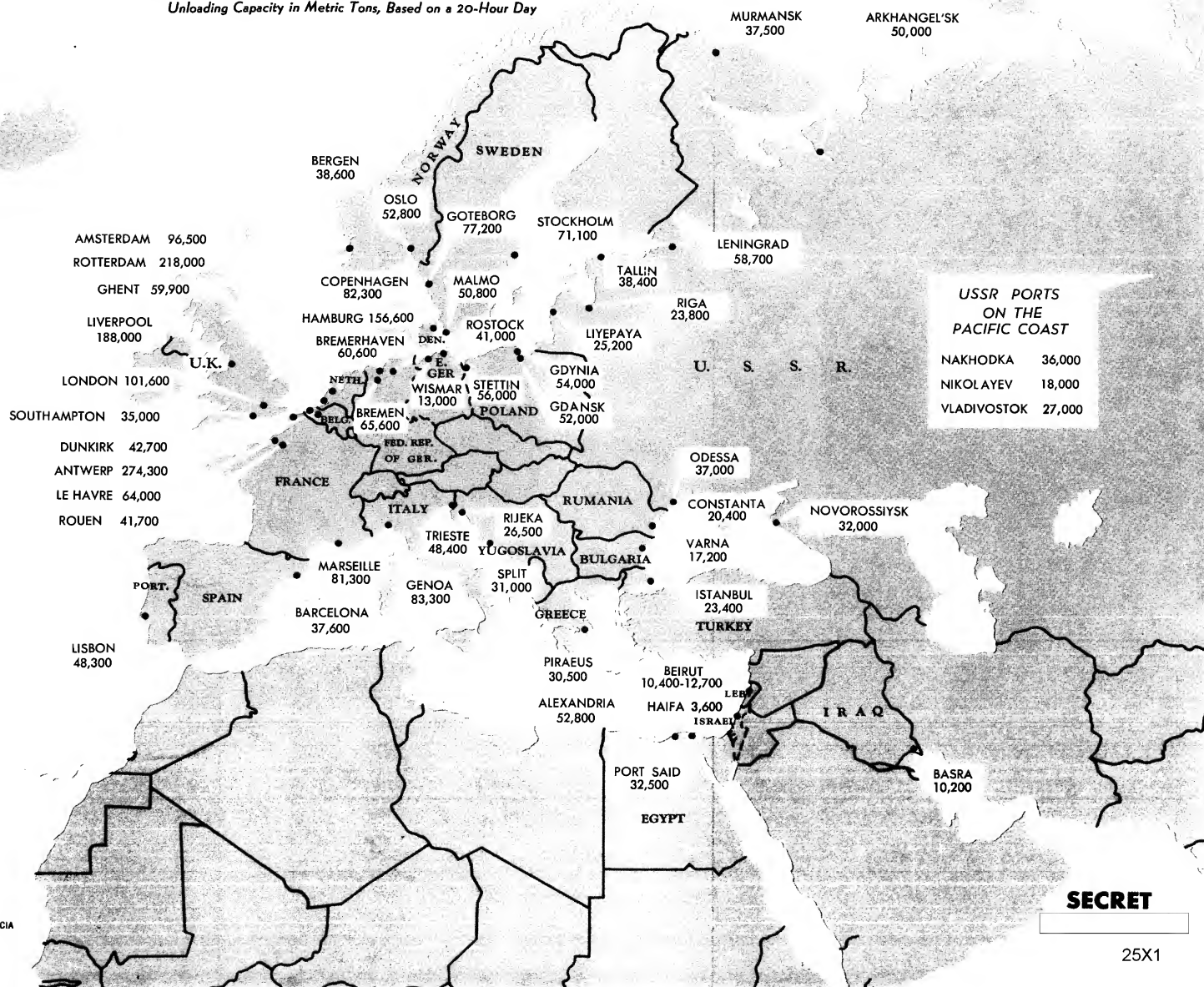
^e Data are estimated and rounded to two significant digits.

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MILITARY CAPACITIES OF SELECTED PORTS

Unloading Capacity in Metric Tons, Based on a 20-Hour Day

Figure 7



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Table 20

Estimated and Projected Population
Selected Years, 1955-85

Million Persons at Midyear

	1955	1960	1965	1967	1968	1969	1970	1975	1980	1985
NATO COUNTRIES.....	445	476	508	519	524	530	535	566	600	637
US.....	165.9	180.7	194.6	199.1	201.2	203.6	206.0	219.4	235.2	252.9
Other NATO.....	279.4	295.2	313.4	319.9	323.0	326.1	329.3	346.3	364.5	384.5
Belgium.....	8.9	9.2	9.5	9.6	9.6	9.7	9.8	10.1	10.4	10.8
Canada.....	15.7	17.9	19.6	20.4	20.8	21.2	21.6	23.7	26.0	28.5
Denmark.....	4.4	4.6	4.8	4.8	4.9	4.9	5.0	5.2	5.4	5.6
France.....	43.4	45.7	48.9	49.9	50.3	50.8	51.3	53.7	56.2	58.9
West Germany.....	50.2	53.2	56.8	57.7	58.0	58.4	58.7	60.5	62.3	64.1
West Berlin.....	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Greece.....	8.0	8.3	8.6	8.7	8.8	8.9	8.9	9.3	9.6	9.8
Iceland.....	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3
Italy.....	48.2	49.6	51.6	52.4	52.8	53.2	53.6	55.6	57.8	60.0
Luxembourg.....	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
Netherlands.....	10.8	11.5	12.3	12.6	12.7	12.9	13.0	13.8	14.6	15.4
Norway.....	3.4	3.6	3.7	3.8	3.8	3.8	3.9	4.0	4.2	4.4
Portugal.....	8.6	8.8	9.2	9.4	9.5	9.6	9.7	10.2	10.7	11.2
Turkey.....	23.9	27.5	31.1	32.7	33.5	34.4	35.2	39.9	45.1	51.0
UK.....	51.2	52.6	54.6	55.2	55.5	55.7	56.0	57.7	59.5	61.8
COMMUNIST COUNTRIES.....	949	1,051	1,145	1,188	1,210	1,232	1,255	1,379	1,522	1,682
USSR and Eastern Europe.....	289	311	331	337	340	343	346	363	360	399
USSR.....	196.1	214.2	230.6	235.6	237.8	240.2	242.5	254.6	267.5	281.4
Eastern Europe.....	92.8	96.5	100.1	101.1	102.0	102.8	103.6	108.1	112.8	117.2
Bulgaria.....	7.5	7.9	8.2	8.3	8.4	8.4	8.5	8.8	9.1	9.3
Czechoslovakia.....	13.1	13.7	14.2	14.3	14.4	14.4	14.5	14.8	15.2	15.4
East Germany.....	17.8	17.0	17.0	17.1	17.1	17.1	17.1	17.2	17.4	17.6
Hungary.....	9.8	10.0	10.1	10.2	10.3	10.3	10.3	10.5	10.7	10.8
Poland.....	27.2	29.6	31.5	31.9	32.2	32.5	32.8	34.5	36.4	38.3
Rumania.....	17.3	18.4	19.0	19.3	19.7	20.1	20.4	22.2	24.0	25.7
Far East.....	634	713	785	821	839	858	877	982	1,105	1,244
Communist China.....	611	686	755	789	806	824	843	944	1,061	1,195
North Korea.....	8.9	10.6	12.2	13.0	13.4	13.8	14.2	16.3	18.8	21.8
North Vietnam.....	14.9	16.0	18.1	18.9	19.3	19.7	20.1	22.2	24.5	27.2
Other.....	25.8	27.5	29.7	30.5	31.0	31.3	31.7	34.0	36.6	39.5
Albania.....	1.4	1.6	1.9	2.0	2.0	2.1	2.1	2.4	2.8	3.3
Cuba.....	6.1	6.5	7.2	7.5	7.6	7.7	7.8	8.4	9.2	10.3
Mongolia.....	0.8	1.0	1.1	1.2	1.2	1.2	1.3	1.5	1.8	2.1
Yugoslavia.....	17.5	18.4	19.5	19.9	20.2	20.4	20.6	21.7	22.8	23.9

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POPULATION

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Table 21

Labor Force ^a in the US and Selected Communist Countries
1955, 1960, and 1963-68

	Million Persons at Midyear							
	1955	1960	1963	1964	1965	1966	1967	1968
US ^b	68.1	72.1	74.6	75.8	77.2	78.9	80.8	82.3
COMMUNIST COUNTRIES								
USSR and Eastern Europe....	153	158	164	166	171	173	176	178
USSR ^c	105.2	108.6	113.6	115.7	119.9	121.4	123.2	125.1
Eastern Europe.....	47.9	49.0	50.0	50.5	51.1	51.7	52.3	52.8
Bulgaria.....	4.14	4.20	4.24	4.26	4.26	4.28	4.32	4.35
Czechoslovakia.....	6.32	6.40	6.63	6.69	6.79	6.92	6.96	7.01
East Germany.....	8.75	8.53	8.34	8.34	8.37	8.38	8.41	8.44
Hungary.....	4.68	4.87	4.90	4.94	4.99	5.05	5.09	5.12
Poland.....	13.60	14.13	14.77	15.10	15.40	15.69	16.02	16.28
Rumania.....	10.38	10.86	11.08	11.18	11.31	11.41	11.51	11.61
Far East								
Communist China ^d	273	307	314	321	328	335	N.A.	N.A.
North Korea ^d	3.5	4.1	4.6	5.0	5.1	5.2	5.3	5.4
North Vietnam ^d	7.4	8.2	8.9	9.2	9.4	9.6	9.6	9.7
Other								
Albania.....	0.68	0.73	0.78	0.80	0.82	0.84	0.86	0.89
Yugoslavia.....	8.01	8.32	8.62	8.75	8.88	8.99	9.09	9.20

^a Unless otherwise indicated, data include the armed forces and the unemployed.

^b Annual averages of monthly data.

^c Excluding militarized security forces.

^d Excluding the armed forces.

Table 22

Nonagricultural Labor Force ^a in the US and Selected Communist Countries
1955, 1960, and 1963-68

	Million Persons at Midyear							
	1955	1960	1963	1964	1965	1966	1967	1968
US ^b	55.7	60.3	63.1	64.8	66.7	68.9	70.5	72.1
COMMUNIST COUNTRIES								
USSR and Eastern Europe....	80.5	91.6	101	104	108	111	114	117
USSR ^c	55.3	63.7	70.7	73.2	76.4	78.3	80.6	83.0
Eastern Europe.....	25.2	27.9	30.4	31.0	31.9	32.7	33.6	34.3
Bulgaria.....	1.41	1.96	2.17	2.22	2.34	2.42	2.47	2.52
Czechoslovakia.....	4.15	4.70	5.11	5.20	5.33	5.47	5.55	5.63
East Germany.....	6.88	6.93	6.90	6.94	7.02	7.06	7.12	7.18
Hungary.....	2.73	3.04	3.31	3.42	3.49	3.55	3.61	3.66
Poland.....	6.86	7.61	8.60	8.77	9.14	9.48	9.85	10.16
Rumania.....	3.13	3.63	4.28	4.41	4.57	4.76	4.96	5.16
Far East								
Communist China ^d	39	53	45	46	47	48	N.A.	N.A.
North Korea ^d	1.2	1.9	2.3	2.5	2.5	2.6	2.7	2.7
North Vietnam ^d	1.2	1.8	2.2	2.2	2.4	2.6	2.6	2.7
Other								
Albania.....	0.17	0.22	0.26	0.27	0.28	0.29	0.31	0.32
Yugoslavia.....	2.97	3.59	4.00	4.16	4.32	4.45	4.58	4.72

^a Unless otherwise indicated, data include the armed forces.

^b Civilian employment. The data are annual averages of monthly data that exclude the armed forces.

^c Excluding militarized security forces.

^d Excluding the armed forces.

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POPULATION

Table 23

Agricultural Labor Force ^a in the US and Selected Communist Countries
1955, 1960, and 1963-68

Million Persons at Midyear

	1955	1960	1963	1964	1965	1966	1967	1968
US ^b	6.45	5.46	4.69	4.52	4.36	3.98	3.84	3.82
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	72.6	66.0	62.5	62.1	62.7	62.1	61.4	60.6
USSR ^c	49.9	44.9	42.9	42.5	43.5	43.1	42.6	42.1
Eastern Europe.....	22.7	21.1	19.6	19.6	19.2	19.0	18.8	18.5
Bulgaria.....	2.73	2.24	2.08	2.03	1.93	1.87	1.85	1.83
Czechoslovakia.....	2.17	1.70	1.52	1.49	1.46	1.45	1.42	1.38
East Germany.....	1.86	1.60	1.44	1.40	1.35	1.32	1.29	1.26
Hungary.....	1.94	1.83	1.59	1.53	1.50	1.50	1.48	1.46
Poland.....	6.73	6.52	6.17	6.34	6.26	6.21	6.16	6.12
Rumania.....	7.24	7.23	6.80	6.78	6.74	6.65	6.55	6.45
Far East								
Communist China.....	234	254	269	275	281	287	N.A.	N.A.
North Korea.....	2.3	2.2	2.3	2.5	2.6	2.6	2.6	2.7
North Vietnam.....	6.2	6.4	6.7	7.0	7.0	7.0	7.0	7.0
Other								
Albania.....	0.51	0.51	0.52	0.53	0.54	0.55	0.56	0.56
Yugoslavia.....	5.04	4.73	4.61	4.59	4.57	4.54	4.51	4.48

^a Excluding the armed forces.

^b Annual averages of monthly data. Data are for civilian employment and differ from those presented in Figure 15. Data in Figure 15 are for farm employment and include farm operators doing one or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages. Data in Figure 15 are based on a survey of farm payrolls conducted by the US Department of Agriculture. Data for the agricultural labor force are based on a household survey of the entire population conducted by the US Bureau of the Census. Data in Figure 15 are a more comprehensive count of agricultural employment and are considered to be more comparable to data presented for the USSR, whereas data in this table are considered to be more comparable to data presented for the Communist countries as a whole.

^c Excluding militarized security forces.

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21

Table 24

United States: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product.....	Billion 1967 US \$.....	514	572	646	682	724	770	790	829
Index of industrial production..	1960=100.....	89	100	114	122	132	144	145	152
Total population (midyear)...	Million persons.....	166	181	189	192	195	197	199	201
Labor force ^a	Million persons.....	68.1	72.1	74.6	75.8	77.2	78.9	80.8	82.3
Fuels and power									
Primary energy (coal equivalents ^b)	Billion metric tons....	1.32	1.43	1.59	1.65	1.72	1.81	1.86	1.94
Electric power (gross).....	Trillion kilowatt-hours.	0.67	0.89	1.07	1.15	1.23	1.33	1.40	1.52
Crude oil.....	Million metric tons...	336	348	372	377	385	409	435	450
Minerals and metals									
Crude steel ^c	Million metric tons...	106	90.1	99.1	115	119	122	115	119
Rolled steel.....	Million metric tons...	84.5 ^d	69.4	74.3	85.1	90.1	90.0	84.4	N.A.
Refined copper ^e	Million metric tons...	1.44	1.64	1.72	1.82	1.96	2.00	1.40	1.68
Primary aluminum.....	Million metric tons...	1.42	1.83	2.10	2.32	2.50	2.69	2.96	2.95
Agriculture									
Grain ^f	Million metric tons...	154 ^g	181	177	164	183	183	206	201
Meat ^h	Million metric tons...	12.2	12.8	13.9	14.8	14.3	14.8	15.5	16.0
Manufactured items									
Sulfuric acid (100 percent)...	Million metric tons...	14.7	16.2	19.0	20.8	22.5	25.8	26.1	25.7
Mineral fertilizer (nutrients) ⁱ ...	Million metric tons...	5.94	7.41	9.93	10.6	11.9	13.2	13.9	14.0
Cotton fabrics.....	Billion linear meters...	9.30	8.56	7.99	8.35	8.47	8.11	7.56	6.81
Rayon and acetate fabrics...	Billion linear meters...	1.76	1.31	1.58	1.64	1.62	1.50	1.48	1.59
Metalcutting machine tools...	Thousand units.....	58.0	42.9	50.4	58.7	68.0	80.7	86.0	70.3
Cement.....	Million metric tons...	53.0	56.1	61.6	64.4	65.1	67.2	64.4	66.9
Passenger automobiles ^j	Million units.....	7.92	6.67	7.64	7.75	9.31	8.60	7.44	8.82
Electron tubes ^k	Million units.....	491	402	404	378	406	451	328	306
Radio receivers ^l	Million units.....	14.5	18.0	19.7	20.7	25.7	25.3	23.2	24.5
Television receivers ^m	Million units.....	7.78	5.83	7.88	9.57	11.0	12.4	10.9	11.8
Trade									
Imports (f.o.b.).....	Billion US \$.....	11.6	15.1	17.2	18.7	21.4	25.6	26.9	33.3
Exports (f.o.b.) ⁿ	Billion US \$.....	15.6	20.6	23.4	26.6	27.5	30.4	31.6	34.7

^a Including the armed forces and the unemployed. Data are annual averages of monthly data.^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^c Excluding steel for castings made in foundries operated by companies not producing ingots.^d Including steel castings and steel forgings.^e Including production from secondary plants and copper refined by manufacturers for their own use.^f Data are for barley, corn (excluding silage and forage), oats, rice, rye, sorghum for grain, and wheat.^g Annual average for 1955-59.^h Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat.ⁱ Data are for "fertilizer years"—that is, the year beginning 1 July of the stated year.^j Factory sales.^k Producer sales. Data include monochrome picture tubes.^l Data for radio-phonograph combinations are factory sales.^m Pre-1964 data for color receivers are factory sales.ⁿ Including military grant-aid but excluding reexports.

Table 25

European NATO: Summary of Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a b	Billion 1967 US \$	330	420	480	510	530	550	560	590
Total population (midyear) ^b	Million persons	264	277	287	290	294	297	300	302
Fuels and power									
Primary energy (coal equivalents) ^c	Million metric tons	574	578	595	600	603	588	569	575
Electric power (gross)	Billion kilowatt-hours	319	463	585	631	674	706	740	804
Hard coal	Million metric tons	477	436	428	431	414	388	366	346
Brown coal and lignite	Million metric tons	95.6	106	119	123	116	112	112	118
Crude oil	Million metric tons	5.59	12.0	14.8	16.5	17.1	17.0	17.5	17.5
Minerals and metals									
Crude steel ^d	Million metric tons	73.4	98.6	97.8	111	115	112	116	127
Pig iron	Million metric tons	54.1	70.9	69.0	79.5	82.2	79.1	82.8	90.5
Iron ore ^d	Million metric tons	89.4	110	94.0	97.5	94.9	88.1	81.5	88.5
Refined copper ^d	Million metric tons	0.71	0.83	0.83	0.90	0.94	0.93	0.94	1.06
Primary aluminum ^d	Million metric tons	0.42	0.69	0.86	0.94	1.01	1.10	1.14	1.28
Agriculture									
Grain ^e	Million metric tons	76.9 ^f	82.9	90.1	93.9	96.5	95.4	108	107
Potatoes	Million metric tons	61.2	63.6	63.9	54.3	50.1	50.2	55.1	51.7
Meat ^e	Million metric tons	9.64	10.6	11.9	11.8	12.3	12.6	13.1	13.5
Cattle (beginning of year) ^b	Million head	72.0	78.0	81.3	79.9	81.1	83.2	84.9	85.0
Manufactured items									
Sulfuric acid (100 percent) ^d	Million metric tons	10.3	13.3	14.3	15.6	16.5	16.8	17.4	18.4
Mineral fertilizer (nutrients) ¹	Million metric tons	8.16	10.8	12.4	13.5	14.0	14.5	N.A.	N.A.
Cement ^d	Million metric tons	63.2	82.7	100	115	115	120	124	132
Tractors	Thousand units	375	404	436	436	456	450	428	440
Passenger automobiles ^d	Million units	2.44	4.92	6.63	6.99	7.13	7.68	7.25	8.28
Radio receivers	Million units	7.41	11.4	12.4	11.3	11.0	11.6	11.1	N.A.
Television receivers	Million units	2.38	6.20	6.28	7.26	7.28	6.82	6.31	N.A.
Transportation									
Railroad freight traffic	Billion ton-kilometers	164	174	184	186	183	180	177	188

^a Converted at US purchasing power equivalents.^b Including data for West Berlin.^c Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^d Including data for West Berlin beginning in 1964.^e Data are for barley, corn, oats, rice, rye, and wheat where they are produced.^f Annual average for 1955-59.^g Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat where they are produced.^h Including data for the Faroe Islands and Greenland.¹ Data are for "fertilizer years"—that is, in general, the year beginning 1 July of the stated year.

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COUNTRY TABLES—
EUROPEAN NATO

Table 26

France: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	69.1	87.3	101	108	113	119	124	130
Index of industrial production.....	1960=100.....	74	100	117	126	128	137	140	146
Total population (midyear).....	Million persons.....	43.4	45.7	47.9	48.4	48.9	49.4	49.9	50.3
Fuels and power									
Primary energy (coal equivalents ^b)..	Million metric tons.....	72.1	86.2	83.4	84.7	90.0	92.1	85.8	81.7
Electric power (gross).....	Billion kilowatt-hours...	51.5	75.0	91.8	98.3	106	110	116	122
Crude oil.....	Million metric tons.....	0.88	1.98	2.52	2.85	2.99	2.93	2.83	2.69
Minerals and metals									
Crude steel.....	Million metric tons.....	12.6	17.3	17.6	19.8	19.6	19.6	19.7	20.4
Rolled steel.....	Million metric tons.....	9.70 ^c	13.7	13.7	15.6	15.7	15.8	15.8	N.A.
Refined copper.....	Thousand metric tons...	19.3	40.2	33.7	37.9	41.1	42.7	37.0	34.2
Primary aluminum.....	Thousand metric tons...	129	238	298	316	340	364	361	366
Agriculture									
Grain ^d	Million metric tons.....	19.4 ^e	22.8	24.8	25.6	28.6	26.1	31.0	32.0
Meat ^f	Million metric tons.....	2.47	2.61	3.08	3.02	3.24	3.33	3.36	3.36
Manufactured items									
Sulfuric acid (100 percent).....	Million metric tons.....	1.47	2.05	2.39	2.70	2.92	3.07	3.23	3.35
Mineral fertilizer (nutrients) ^g	Million metric tons.....	2.26	3.02	3.72	4.12	4.16	4.39	N.A.	N.A.
Synthetic fibers.....	Thousand metric tons...	11.2	45.3	81.2	92.6	87.1	109	110	120
Cement.....	Million metric tons.....	10.8	14.3	18.1	21.5	22.4	23.4	24.8	26.4
Passenger automobiles.....	Million units.....	0.55	1.14	1.48	1.35	1.37	1.76	1.75	1.83
Radio receivers.....	Million units.....	1.23	2.21	2.84	2.46	2.30	2.40	2.26	N.A.
Television receivers.....	Million units.....	0.19	0.66	1.15	1.33	1.25	1.35	1.30	N.A.
Trade									
Imports (c.i.f.).....	Billion US \$.....	4.74 ^h	6.28	8.73	10.1	10.3	11.8	12.4	13.9
Exports (f.o.b.).....	Billion US \$.....	4.91 ^h	6.86	8.08	9.00	10.1	10.9	11.4	12.7

^a Converted at US purchasing power equivalents.^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^c Including steel castings and steel forgings.^d Data are for barley, corn, oats, rice, rye, and wheat.^e Annual average for 1955-59.^f Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat.^g Data are for "fertilizer years"—that is, the year beginning 1 July of the stated year.^h Including data for the Saar.

Table 27

Italy: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	40.6	53.2	64.2	66.0	68.3	72.1	76.4	80.3
Index of industrial production.....	1960=100.....	65	100	132	133	140	156	169	180
Total population (midyear).....	Million persons.....	48.2	49.6	50.6	51.1	51.6	52.0	52.4	52.8
Fuels and power									
Primary energy (coal equivalents ^b)..	Million metric tons.....	23.4	37.7	40.2	39.2	41.2	43.1	42.5	45.8
Electric power (gross).....	Billion kilowatt-hours....	38.1	56.2	71.3	76.7	83.0	90.0	96.8	105
Crude oil.....	Million metric tons.....	0.20	2.00	1.78	2.67	2.21	1.76	1.69	1.51
Minerals and metals									
Crude steel.....	Million metric tons.....	5.40	8.23	10.2	9.79	12.7	13.6	15.9	17.0
Rolled steel.....	Million metric tons.....	4.50 ^c	7.78	9.02	9.04	10.6	11.3	12.8	N.A.
Refined copper.....	Thousand metric tons....	26.9	15.5	13.0	11.7	12.7	16.9	17.5	17.5
Primary aluminum.....	Thousand metric tons....	61.7	83.6	91.4	116	124	128	128	142
Agriculture									
Grain ^d	Million metric tons.....	14.2 ^e	12.0	13.0	14.0	14.5	14.3	15.1	14.6
Meat ^f	Million metric tons.....	0.83	1.10	1.10	1.11	1.08	1.15	1.22	1.27
Manufactured items									
Sulfuric acid (100 percent).....	Million metric tons.....	1.94	2.30	2.71	2.89	2.98	3.37	3.51	3.31
Mineral fertilizer (nutrients) ^g	Million metric tons.....	0.80	1.11	1.36	1.46	1.59	1.64	N.A.	N.A.
Synthetic fibers.....	Thousand metric tons....	8.5	33.7	77.6	100	105	144	153	195
Cement.....	Million metric tons.....	10.8	16.0	22.1	22.8	20.7	22.4	26.3	29.5
Passenger automobiles ^h	Million units.....	0.23	0.60	1.11	1.03	1.10	1.28	1.44	1.54
Radio receivers.....	Million units.....	0.71	0.94	1.55	0.88	1.20	1.58	N.A.	N.A.
Television receivers.....	Million units.....	0.09	0.73	0.98	0.81	1.04	1.24	N.A.	N.A.
Trade									
Imports (c.i.f.).....	Billion US \$.....	2.71	4.72	7.59	7.25	7.38	8.59	9.83	10.3
Exports (f.o.b.).....	Billion US \$.....	1.86	3.65	5.05	5.96	7.20	8.04	8.68	10.2

^a Converted at US purchasing power equivalents.^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^c Including steel castings and steel forgings.^d Data are for barley, corn, oats, rice, rye, and wheat.^e Annual average for 1955-59.^f Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat.^g Data are for "fertilizer years"—that is, the year beginning 1 July of the stated year.^h Excluding production for the armed forces.

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COUNTRY TABLES—ITALY

Table 28

United Kingdom: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	87.3	100	110	116	119	121	123	127
Index of industrial production.....	1960=100.....	88	100	105	112	116	118	117	122
Total population (midyear).....	Million persons.....	51.2	52.6	53.8	54.2	54.6	54.9	55.2	55.5
Fuels and power									
Primary energy (coal equivalents ^b)..	Million metric tons.....	226	200	205	204	202	192	191	182
Electric power (gross).....	Billion kilowatt-hours....	94.1	137	174	183	196	203	208	221
Crude oil.....	Thousand metric tons....	151	146	123	127	82	77	88	N.A.
Minerals and metals									
Crude steel.....	Million metric tons.....	20.1	24.7	22.9	26.7	27.4	24.7	24.3	26.3
Rolled steel.....	Million metric tons.....	15.7 ^c	18.4	17.2	20.2	20.8	19.2	18.7	N.A.
Refined copper.....	Thousand metric tons....	231	219	200	225	228	180	169	198
Primary aluminum.....	Thousand metric tons....	24.8	29.4	31.1	32.2	36.2	37.1	38.4	38.0
Agriculture									
Grain ^d	Million metric tons.....	8.39 ^e	9.47	11.2	12.7	13.6	13.6	14.7	13.2
Meat ^f	Million metric tons.....	1.60	1.72	1.99	1.97	2.02	2.03	2.01	2.01
Manufactured items									
Sulfuric acid (100 percent).....	Million metric tons.....	2.13	2.77	2.93	3.18	3.36	3.17	3.23	3.34
Mineral fertilizer (nutrients) ^g	Million metric tons.....	0.68	0.84	0.98	1.03	1.09	1.14	N.A.	N.A.
Woolen fabrics.....	Million square meters....	343	307	272	272	270	253	246	246
Rayon and acetate fabrics.....	Million linear meters....	552	564	513	558	572	564	484	469
Cement.....	Million metric tons.....	12.7	13.5	14.1	17.0	17.2	17.1	17.6	17.9
Passenger automobiles.....	Million units.....	0.90	1.35	1.61	1.87	1.72	1.60	1.55	1.82
Transportation and trade									
Merchant ships launched.....	Million GRT ^h	1.47	1.33	0.94	1.04	1.09	1.08	1.30	0.92
Imports (c.i.f.) ⁱ	Billion US \$.....	11.0	13.0	14.0	15.9	16.1	16.7	17.7	19.0
Exports (f.o.b.) ^j	Billion US \$.....	8.60	10.6	12.2	12.8	13.7	14.7	14.4	15.3

^a Converted at US purchasing power equivalents.^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^c Including steel castings and steel forgings.^d Data are for barley, oats, rye, and wheat.^e Annual average for 1955-59.^f Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat.^g Data are for the "fertilizer years"—that is, the year beginning 1 July of the stated year.^h Gross register tons.ⁱ Including precious stones and pearls.^j Including reexports.COUNTRY TABLES—
UNITED KINGDOM

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

Table 29

West Germany: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^{a b}	Billion 1967 US \$	73.1	105	120	128	135	138	138	148
Index of industrial production	1960=100	71	100	115	124	131	133	131	146
Total population (midyear)	Million persons	50.2	53.2	55.4	56.1	56.8	57.5	57.7	58.0
West Berlin population (midyear)	Million persons	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
Fuels and power									
Primary energy (coal equivalents ^c)	Million metric tons	189	189	195	197	190	181	165	170
Electric power (gross)	Billion kilowatt-hours	78.9	116	147	162	169	174	181	199
Crude oil	Million metric tons	3.15	5.53	7.38	7.67	7.88	7.87	7.93	7.98
Minerals and metals									
Crude steel ^d	Million metric tons	24.5	34.1	31.6	37.3	36.8	35.3	36.7	41.2
Rolled steel	Million metric tons	19.6 ^e	25.8	24.2	28.6	28.5	27.3	28.4	N.A.
Refined copper ^d	Thousand metric tons	260	309	303	336	357	375	382	434
Primary aluminum ^d	Thousand metric tons	137	169	209	220	238	244	253	258
Agriculture									
Grain ^f	Million metric tons	12.2 ^g	14.2	14.0	15.1	12.7	13.6	16.6	17.5
Potatoes	Million metric tons	26.5	24.5	25.8	20.6	18.1	18.8	21.3	19.2
Meat ^h	Million metric tons	2.40	2.62	2.96	3.05	3.07	3.11	3.18	3.41
Manufactured items									
Sulfuric acid (100 percent) ^d	Million metric tons	2.28	3.17	3.32	3.60	3.75	3.83	3.78	4.20
Mineral fertilizer (nutrients) ⁱ	Million metric tons	2.88	3.90	4.13	4.37	4.61	4.48	N.A.	N.A.
Synthetic fibers ^{d j}	Thousand metric tons	11.5	52.3	108	140	179	213	252	361
Cement ^d	Million metric tons	18.2	24.9	29.2	33.6	34.1	34.7	31.7	33.1
Passenger automobiles ^d	Million units	0.76 ^j	1.82	2.41	2.65	2.73	2.83	2.30	2.87
Trucks and buses ^d	Thousand units	146 ^j	238	254	259	243	221	187	240
Trade									
Imports (c.i.f.) ^b	Billion US \$	5.79 ^j	10.1	13.0	14.6	17.5	18.0	17.4	20.2
Exports (f.o.b.) ^b	Billion US \$	6.14 ^j	11.4	14.6	16.2	17.9	20.1	21.7	24.9

^a Converted at US purchasing power equivalents.^b Including data for West Berlin.^c Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^d Including data for West Berlin beginning in 1964.^e Including steel castings and steel forgings.^f Data are for barley, corn, oats, rye, and wheat.^g Annual average for 1955-59.^h Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat.ⁱ Data are for the "fertilizer years"—that is, the year beginning 1 July of the stated year.^j Excluding data for the Saar.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

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COUNTRY TABLES—
WEST GERMANY

Table 30

India: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	25.6	31.1	35.0	37.5	35.6	36.0	39.1	40.5
Index of industrial production.....	1960=100.....	71	100	130	141	151	152	152	160
Total population (midyear).....	Million persons.....	390	433	464	476	487	499	511	524
Fuels and power									
Electric power (gross) ^b	Billion kilowatt-hours....	10.9	20.1	30.3	33.1	37.4	41.0	45.2	51.9
Hard coal.....	Million metric tons.....	38.8	52.6	66.0	62.4	67.2	68.0	68.2	69.0
Crude oil.....	Million metric tons.....	0.35	0.45	1.65	2.21	3.02	4.65	5.67	5.78
Minerals and metals									
Crude steel ^c	Million metric tons.....	1.73	3.29	5.97	6.03	6.32	6.61	6.38	6.31
Pig iron.....	Million metric tons.....	1.92	4.26	6.74	6.74	7.12	7.20	7.03	N.A.
Iron ore.....	Million metric tons.....	N.A.	16.6	20.6	21.4	23.7	26.8	25.7	26.6
Manganese ore.....	Million metric tons.....	1.61	1.20	1.30	1.41	1.61	1.68	1.60	N.A.
Refined copper.....	Thousand metric tons....	7.4	8.9	9.5	9.5	9.4	9.4	8.9	9.2
Primary aluminum.....	Thousand metric tons....	7	18	55	55	62	65	96	120
Agriculture									
Wheat.....	Million metric tons.....	9.03 ^d	10.3	10.8	9.86	12.3	10.4	11.4	16.6
Rice (rough, or paddy) ^e	Million metric tons.....	43.4 ^d	51.3	55.4	58.6	46.0	45.7	61.5	57.0
Sugar (raw value).....	Million metric tons.....	1.76	2.81	2.50	2.84	3.49	3.63	2.36	2.50
Ginned cotton.....	Million metric tons.....	0.82	1.01	1.13	1.07	1.00	1.00	1.15	1.09
Manufactured items									
Sulfuric acid (100 percent).....	Thousand metric tons....	169	354	568	680	685	690	792	950
Cotton fabrics ^f	Billion linear meters....	6.28	6.63	7.30	7.72	7.64	7.34	7.28	7.35
Woolen fabrics ^g	Million linear meters....	8	8	18	12	10	9	9	11
Cement.....	Million metric tons.....	4.56	7.84	9.36	9.69	10.6	11.1	11.3	11.9
Passenger automobiles (civilian).....	Thousand units.....	13.6	24.6	23.8	33.6	35.3	37.4	38.9	43.0
Trade									
Imports (c.i.f.).....	Billion US \$.....	1.41	2.33	2.48	2.88	2.92	2.83	2.81	2.51
Exports (f.o.b.).....	Billion US \$.....	1.28	1.33	1.63	1.75	1.69	1.60	1.61	1.75

^a Data are at factor cost. Data are for the fiscal year beginning 1 April of the stated year and are converted at the par value exchange rate of 7.5 rupees to US \$1.

^b Beginning in 1960, data are for the year beginning 1 April of the stated year.

^c Beginning in 1963, ingots only.

^d Annual average for 1955-59.

^e Estimated from planted acreage.

^f Mill and decentralized sector production.

^g Wearable fabrics produced in the mill sector only.

Table 31
Japan: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	45.1	71.8	96.0	110	114	126	143	161
Index of industrial production....	1960=100.....	47.4	100	142	166	174	195	232	273
Total population (midyear).....	Million persons.....	89.0	93.2	95.9	96.9	98.0	98.9	99.9	101
Labor force ^b	Million persons.....	41.9	45.1	46.5	47.1	47.9	48.9	50.6	50.6
Fuels and power									
Electric power (gross).....	Billion kilowatt-hours.....	63.6	111	154	176	188	209	238	263
Hard coal.....	Million metric tons.....	42.4	51.1	52.1	50.9	49.5	50.9	47.5	46.6
Crude oil.....	Thousand metric tons.....	314	526	785	657	671	778	788	781
Minerals and metals									
Crude steel.....	Million metric tons.....	9.41	22.1	31.5	39.8	41.2	47.8	62.2	66.9
Rolled steel.....	Million metric tons.....	7.25	17.2	25.6	31.9	33.4	39.0	50.4	55.7
Refined copper.....	Thousand metric tons.....	113	248	295	342	366	405	470	548
Primary aluminum.....	Thousand metric tons.....	58	133	224	266	294	337	382	482
Agriculture									
Rice (rough, or paddy) ^c	Million metric tons.....	14.8 ^d	16.1	16.0	15.7	15.5	15.9	18.1	18.1
Meat ^e	Thousand metric tons.....	235	322	493	544	640	734	716	680
Fish catch.....	Million metric tons.....	4.91	6.19	6.70	6.35	6.91	7.10	7.81	N.A.
Manufactured items									
Sulfuric acid (100 percent).....	Million metric tons.....	3.29	4.45	4.99	5.37	5.66	6.03	6.28	6.59
Cotton fabrics ^f	Billion square meters.....	2.35	3.22	2.94	2.96	3.01	2.91	2.82	2.74
Rayon and acetate fabrics ^g	Billion square meters.....	1.40	1.83	1.62	1.59	1.65	1.66	1.62	1.63
Natural silk fabrics.....	Million square meters.....	175	220	151	161	176	175	184	189
Synthetic fibers.....	Thousand metric tons.....	15.8	118	239	342	380	460	578	692
Cement.....	Million metric tons.....	10.6	22.5	29.9	33.0	32.7	38.3	43.3	47.7
Passenger automobiles.....	Million units.....	0.02	0.17	0.41	0.58	0.70	0.88	1.38	2.06
Transportation and trade									
Merchant ships launched.....	Million GRT ^h	0.83	1.73	2.37	4.20	5.34	6.74	7.55	8.66
Imports (c.i.f.).....	Billion US \$.....	2.47	4.49	6.74	7.94	8.17	9.52	11.7	13.0
Exports (f.o.b.).....	Billion US \$.....	2.01	4.06	5.45	6.67	8.45	9.78	10.4	13.0

^a Converted at US purchasing power equivalents in approximately the same manner as the data for the NATO countries found in Table 1, p. 1.

^b Including the armed forces and the unemployed. Data are annual averages of monthly data.

^c Estimated from planted acreage.

^d Annual average for 1955-59.

^e Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, lamb, mutton, goat, and horsemeat.

^f Fabrics after undergoing finishing processes.

^g Including finished fabrics.

^h Gross register tons.

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COUNTRY TABLES-JAPAN

Table 32

USSR: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	195	261	302	324	345	368	390	412
Index of industrial production.....	1960=100.....	66	100	122	129	137	147	158	167
Total population (midyear).....	Million persons.....	196*	214*	225*	228*	231*	233*	236*	238*
Labor force (midyear) ^b	Million persons.....	105*	109*	114*	116*	120*	121*	123*	125*
Fuels and power									
Primary energy (coal equivalents ^c)..	Billion metric tons.....	0.44*	0.66*	0.82*	0.88*	0.94*	1.01*	1.06*	1.13*
Electric power (gross).....	Billion kilowatt-hours...	170*	292*	412*	459*	507*	545*	588*	638*
Hard coal.....	Million metric tons.....	277*	375*	395*	409*	428*	439*	451*	456*
Crude oil.....	Million metric tons.....	70.8*	148*	206*	224*	243*	265*	288*	309*
Natural gas ^d	Billion cubic meters.....	8.98*	45.3*	89.8*	109*	128*	143*	157*	169*
Minerals and metals									
Crude steel.....	Million metric tons.....	45.3*	65.3*	80.2*	85.0*	91.0*	96.9*	102*	106*
Rolled steel.....	Million metric tons.....	35.3*	51.0*	62.5*	66.7*	70.9*	76.7*	81.7*	85.2*
Pig iron.....	Million metric tons.....	33.3*	46.8*	58.7*	62.4*	66.2*	70.3*	74.8*	78.8*
Iron ore.....	Million metric tons.....	71.9*	106*	138*	146*	153*	160*	168*	177*
Refined copper.....	Thousand metric tons...	377*	490*	640*	700*	772*	828*	915*	992*
Primary aluminum.....	Million metric tons.....	0.43*	0.63	0.86	0.94	1.02	1.16	1.30	1.48
Lead.....	Thousand metric tons...	258*	324*	385*	408*	433*	463*	495*	528*
Agriculture									
Grain ^e	Million metric tons.....	104* ^f	93.0*	92.0*	120*	100*	140*	122*	135*
Meat ^g	Million metric tons.....	5.69*	7.38*	8.87*	7.30*	8.80*	9.40*	10.1*	10.2*
Milk.....	Million metric tons.....	40.8*	55.5*	56.3*	59.5*	68.2*	71.4*	75.1*	77.2*
Fish catch.....	Million metric tons.....	2.74*	3.54*	4.68*	5.17*	5.77*	6.09*	6.54*	6.70*
Cattle (beginning of year).....	Million head.....	56.7*	74.2*	87.0*	85.4*	87.2*	93.4*	97.1*	97.1*
Manufactured items									
Sulfuric acid (100 percent).....	Million metric tons.....	3.80*	5.40*	6.88*	7.65*	8.52*	9.37*	9.74*	10.2*
Mineral fertilizer (nutrients).....	Million metric tons.....	2.30*	3.28*	4.65*	6.00*	7.39*	8.44*	9.41*	10.2*
Metalcutting machine tools.....	Thousand units.....	117*	156*	183*	184*	185*	192*	198*	200*
Tractors.....	Thousand units.....	163*	238*	325*	329*	354*	382*	405*	423*
Passenger automobiles.....	Thousand units.....	108*	139*	173*	185*	201*	230*	251*	280*
Transportation and trade									
Railroad freight traffic.....	Trillion ton-kilometers..	0.97*	1.50*	1.75*	1.85*	1.95*	2.02*	2.16*	2.28*
Motor vehicle freight traffic.....	Billion ton-kilometers...	42.6*	98.5*	120*	132*	143*	155*	170*	175*
Imports (f.o.b.).....	Billion US \$.....	3.06*	5.63*	7.06*	7.74*	8.06*	7.91*	8.54*	9.41*
Exports (f.o.b.).....	Billion US \$.....	3.43*	5.56*	7.27*	7.68*	8.17*	8.84*	9.65*	10.6*

^a An asterisk indicates that the data are unclassified.^b Converted at US purchasing power equivalents.^c Data include the armed forces and the unemployed but exclude militarized security forces.^d Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^e Gross production less losses and waste. Data include only gas from natural gas wells and associated gas from petroleum fields.^f Data are for barley, corn, oats, rice, rye, wheat, and miscellaneous grains including pulses.^g Annual average for 1955-59.^h Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, poultry, edible offal, and slaughter fats.

Table 33

Eastern Europe: Summary of Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	76.2*	97.9*	109*	114*	119*	125*	131*	137*
Total population (midyear).....	Million persons.....	92.8*	96.5*	98.6*	99.4*	100*	101*	101*	102*
Fuels and power									
Primary energy (coal equivalents ^b)..	Million metric tons.....	231	275	312*	323*	329*	334	335	349
Electric power (gross).....	Billion kilowatt-hours....	73.3*	114*	143*	157*	170*	185*	200*	217*
Hard coal.....	Million metric tons.....	124*	141*	154*	158*	160*	162*	163*	168
Brown coal and lignite.....	Million metric tons.....	278*	336*	394*	408*	403*	404*	395*	410
Crude oil.....	Million metric tons.....	12.6*	13.2*	14.6*	14.9*	15.2*	15.6	16.2	16.4
Minerals and metals									
Crude steel.....	Million metric tons.....	14.3*	21.2*	25.3*	27.2*	28.7*	30.6*	33.3*	35.6*
Pig iron.....	Million metric tons.....	8.86*	13.4*	15.8*	17.1*	17.9*	19.1*	20.8*	21.7*
Iron ore.....	Million metric tons.....	6.95*	9.34*	11.4*	10.6*	12.0*	13.0*	12.7*	12.3*
Refined copper.....	Thousand metric tons....	64.6 °	97.2	122*	131*	134*	140*	160*	170
Primary aluminum.....	Thousand metric tons....	108	163*	193*	206	206	267	319	351
Agriculture									
Grain ^d	Million metric tons.....	41.3 *	43.9	43.5	44.5	48.6	51.2	53.2	53.1
Potatoes.....	Million metric tons.....	51.6	61.4	65.8	69.5	60.1	67.8	69.8	70.3
Meat ^e	Million metric tons.....	2.79	3.38	3.45	3.67	4.01	4.12	4.27	4.39
Cattle (beginning of year).....	Million head.....	24.1*	25.2*	26.9*	27.0*	27.3*	27.9*	28.8*	29.2*
Manufactured items									
Sulfuric acid (100 percent).....	Million metric tons.....	1.68*	2.50*	3.43*	3.88*	4.23*	4.48*	4.70*	5.05*
Mineral fertilizer (nutrients).....	Million metric tons.....	2.38*	3.14*	3.77*	4.08*	4.54*	4.95*	5.55*	6.39*
Cement.....	Million metric tons.....	13.6*	22.9*	26.7*	29.6*	31.8*	35.6*	37.1*	39.0*
Tractors.....	Thousand units.....	36.7*	69.0*	78.9*	87.9*	87.5*	90.0*	94.1*	98.6*
Passenger automobiles.....	Thousand units.....	38.7*	133*	159*	156*	207*	228*	252*	291*
Radio receivers.....	Million units.....	1.82*	2.20*	2.15*	1.88*	2.36*	2.53*	2.56*	N.A.
Television receivers.....	Million units.....	0.06*	0.99*	1.53*	1.62*	1.70*	1.70*	1.81*	N.A.
Transportation									
Railroad freight traffic.....	Billion ton-kilometers....	136*	187*	214*	230*	236*	246*	250*	252*

* An asterisk indicates that the data are unclassified.

^a Converted at US purchasing power equivalents.^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^c Bulgarian data for 1955 are excluded from the total because they refer to blister copper rather than refined metal.^d Data are for barley, corn, oats, rice, rye, and wheat where they are produced.^e Annual average for 1955-59.^f Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, goat, and horsemeat where they are produced.

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COUNTRY TABLES—EASTERN EUROPE

Table 34

Bulgaria: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	3.7*	5.3*	6.5*	6.9*	7.2*	7.8*	8.3*	8.6*
Index of industrial production.....	1960=100.....	52*	100*	133*	145*	162*	179*	200*	220*
Total population (midyear).....	Million persons.....	7.5*	7.9*	8.1*	8.1*	8.2*	8.3*	8.3*	8.4*
Labor force (midyear) ^b	Million persons.....	4.14*	4.20*	4.24*	4.26*	4.26*	4.28*	4.32*	4.35*
Fuels and power									
Primary energy (coal equivalents) ^c ..	Million metric tons.....	4.5*	7.7*	8.7*	9.0*	9.4*	9.6*	10.2*	10.5*
Electric power (gross).....	Billion kilowatt-hours....	2.07*	4.66*	7.18*	8.70*	10.2*	11.8*	13.6*	15.4*
Brown coal and lignite.....	Million metric tons.....	9.1*	15.4*	20.3*	23.8*	24.5*	24.6*	26.7*	28.3*
Minerals and metals									
Crude steel ^d	Million metric tons.....	0.12*	0.30*	0.52*	0.54*	0.65*	0.76*	1.30*	1.52*
Rolled steel.....	Million metric tons.....	0.07*	0.19*	0.35*	0.36*	0.43*	0.48*	0.61*	1.03*
Refined copper.....	Thousand metric tons....	3.8* ^e	14.0*	20.0*	20.6*	23.9*	25.7*	33.5*	36.0*
Lead.....	Thousand metric tons....	5.1*	40.4*	51.0*	87.0*	93.4*	92.8*	96.6*	93.0*
Agriculture									
Grain ^f	Million metric tons.....	3.59 ^g	4.04	3.85	4.46	4.59	5.86	5.83	4.60 ^h
Potatoes.....	Million metric tons.....	0.36*	0.48*	0.41*	6.50*	0.28*	0.42*	0.38*	0.35
Meat ⁱ	Thousand metric tons....	155	174	207	230	278	293	296	306
Cattle (beginning of year).....	Million head.....	1.61*	1.28*	1.58*	1.49*	1.47*	1.45*	1.39*	1.36*
Hogs (beginning of year).....	Million head.....	1.32*	2.27*	2.07*	2.10*	2.61*	2.41*	2.28*	2.31*
Ginned cotton.....	Thousand metric tons....	20.4*	21.1*	13.1*	14.2*	12.6*	22.8*	18.5*	10.0
Wool (grease basis).....	Thousand metric tons....	14.4*	21.0*	23.7*	25.4*	25.8*	25.5*	27.2*	28.5*
Manufactured items									
Sulfuric acid (100 percent).....	Thousand metric tons....	19*	123*	269*	291*	318*	353*	360*	471*
Mineral fertilizer (nutrients).....	Thousand metric tons....	31*	126*	172*	296*	354*	394*	443*	641*
Soda ash (100 percent).....	Thousand metric tons....	71*	128*	198*	216*	223*	226*	218*	225*
Cement.....	Million metric tons.....	0.81*	1.59*	2.20*	2.59*	2.68*	4.54*	3.36*	3.51*
Transportation and trade									
Railroad freight traffic.....	Billion ton-kilometers...	4.12*	6.98*	8.57*	9.97*	10.8*	11.4*	11.7*	12.2*
Motor vehicle freight traffic.....	Billion ton-kilometers...	0.74*	2.04*	3.14*	3.57*	3.82*	4.30*	5.11*	5.32*
Imports (f.o.b.).....	Billion US \$.....	0.25*	0.63*	0.93*	1.06*	1.18*	1.48*	1.57*	1.76*
Exports (f.o.b.).....	Billion US \$.....	0.24*	0.57*	0.83*	0.98*	1.18*	1.30*	1.46*	1.61*

* An asterisk indicates that the data are unclassified.

^a Converted at US purchasing power equivalents.^b Including the armed forces and the unemployed.^c Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^d Including an estimate for steel for castings for all years.^e Blister copper.^f Unless otherwise indicated, data are for barley, corn, oats, rice, rye, and wheat.^g Annual average for 1955-59.^h Excluding rice.ⁱ Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, and mutton.

Table 35

Czechoslovakia: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	15.9*	21.9*	22.8*	23.0*	23.4*	24.5*	25.6*	26.4*
Index of industrial production.....	1960=100.....	64*	100*	108*	110*	116*	122*	129*	135*
Total population (midyear).....	Million persons.....	13.1*	13.7*	14.0*	14.1*	14.2*	14.2*	14.3*	14.4*
Labor force (midyear) ^b	Million persons.....	6.32*	6.40*	6.63*	6.69*	6.79*	6.92*	6.96*	7.01*
Fuels and power									
Primary energy (coal equivalents) ^c ..	Million metric tons.....	36.6*	50.9*	59.0*	60.1*	61.9*	61.1*	59.2*	61.0*
Electric power (gross).....	Billion kilowatt-hours...	15.0*	24.4*	29.9*	32.0*	34.2*	36.5*	38.6*	41.5*
Brown coal and lignite.....	Million metric tons.....	40.4*	57.9*	72.4*	74.5*	72.3*	72.4*	70.9*	74.4*
Natural gas.....	Billion cubic meters.....	0.17*	1.29*	0.91*	0.84*	0.75*	0.81*	1.02*	1.00*
Minerals and metals									
Crude steel.....	Million metric tons.....	4.47*	6.77*	7.60*	8.38*	8.60*	9.13*	10.0*	10.6*
Rolled steel.....	Million metric tons.....	2.99*	4.48*	5.11*	5.66*	6.09*	6.52*	7.11*	7.53*
Pig iron.....	Million metric tons.....	2.98*	4.70*	5.25*	5.72*	5.87*	6.27*	6.76*	6.87*
Iron ore.....	Million metric tons.....	2.49*	3.12*	3.41*	2.85*	2.45*	2.24*	1.91*	1.56*
Manganese ore.....	Thousand metric tons...	260*	154*	85*	84*	80*	90*	80*	N.A.
Primary aluminum.....	Thousand metric tons...	24*	52*	56*	56*	56*	60*	60*	60*
Agriculture									
Grain ^d	Million metric tons.....	5.21* ^e	5.74*	5.64*	5.26*	5.24*	5.87*	6.53*	7.30
Potatoes.....	Million metric tons.....	7.91*	5.09*	6.51*	7.66*	3.68*	5.85*	6.04*	5.50*
Meat ^f	Thousand metric tons...	402	483	512	549	599	580	605	640
Cattle (beginning of year).....	Million head.....	4.04*	4.30*	4.51*	4.48*	4.44*	4.39*	4.46*	4.44*
Hogs (beginning of year).....	Million head.....	4.77*	5.69*	5.90*	5.84*	6.14*	5.54*	5.30*	5.60*
Manufactured items									
Metalcutting machine tools.....	Thousand units.....	18.5*	30.2*	27.2*	21.7*	24.3*	27.6*	29.7*	N.A.
Metallurgical equipment.....	Thousand metric tons...	41.7*	105*	118*	125*	85.5*	89.6*	78.7*	N.A.
Electric motors.....	Million kilowatts.....	1.18*	2.95*	3.90*	3.86*	4.18*	3.97*	4.44*	N.A.
Electric generators ^g	Million kilowatts.....	0.96*	1.39*	1.17*	1.32*	0.89*	2.08*	1.71*	N.A.
Cement.....	Million metric tons.....	2.89*	5.05*	5.18*	5.49*	5.71*	6.13*	6.46*	6.49*
Tractors.....	Thousand units.....	12.6*	32.5*	28.4*	29.7*	30.5*	28.2*	28.7*	24.4*
Passenger automobiles.....	Thousand units.....	12.5*	56.2*	56.5*	42.1*	77.7*	92.7*	112*	126*
Television receivers.....	Thousand units.....	17*	263*	235*	240*	274*	228*	256*	332*
Transportation and trade									
Railroad freight traffic.....	Billion ton-kilometers...	31.7*	47.4*	51.7*	55.4*	56.9*	57.6*	55.8*	50.0*
Motor vehicle freight traffic.....	Billion ton-kilometers...	2.72*	5.11*	6.32*	6.62*	6.98*	7.28*	7.81*	7.88*
Imports (f.o.b.).....	Billion US \$.....	1.05*	1.82*	2.16*	2.43*	2.67*	2.74*	2.68*	3.08*
Exports (f.o.b.).....	Billion US \$.....	1.18*	1.93*	2.46*	2.58*	2.69*	2.74*	2.86*	3.00*

* An asterisk indicates that the data are unclassified.

^a Converted at US purchasing power equivalents.^b Including the armed forces and the unemployed.^c Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^d Data are for barley, corn, oats, rye, and wheat.^e Annual average for 1955-59.^f Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, and mutton.^g Generators for steam and gas turbines only.

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COUNTRY TABLES—CZECHOSLOVAKIA

Table 36

East Germany: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	19.0*	24.0*	26.1*	27.1*	28.1*	29.2*	30.5*	31.7*
Index of industrial production.....	1960=100.....	71*	100*	113*	117*	122*	126*	134*	141*
Total population (midyear).....	Million persons.....	17.8*	17.0*	16.9*	17.0*	17.0*	17.1*	17.1*	17.1*
Labor force (midyear) ^b	Million persons.....	8.75*	8.53*	8.34*	8.34*	8.37*	8.38*	8.41*	8.44*
Fuels and power									
Primary energy (coal equivalents) ^c ..	Million metric tons.....	65.8	73.6	82.4*	83.2*	81.4*	80.8	78.6	80.1
Electric power (gross).....	Billion kilowatt-hours...	28.7*	40.3*	47.4*	51.0*	53.6*	56.9*	59.7*	63.2*
Brown coal and lignite.....	Million metric tons.....	201*	226*	254*	257*	251*	249*	242*	247*
Minerals and metals									
Crude steel.....	Million metric tons.....	2.84*	3.79*	4.09*	4.31*	4.37*	4.56*	4.72*	4.85*
Rolled steel.....	Million metric tons.....	1.88*	2.61*	2.81*	2.90*	2.99*	3.05*	3.08*	3.18*
Iron ore.....	Million metric tons.....	1.66*	1.64*	1.66*	1.63*	1.63*	1.72*	1.68*	1.70*
Refined copper.....	Thousand metric tons...	33.3	39.2	40.0*	40.0*	40.0*	40.2*	40.2*	40.2*
Agriculture									
Grain ^d	Million metric tons.....	4.93 *	5.60	5.03	5.42	5.99	5.19	6.45	6.00
Meat ^e	Thousand metric tons...	667	730	715	806	861	906	946	960
Fish catch.....	Thousand metric tons...	69.0*	114*	185*	218*	229*	222*	290*	N.A.
Cattle ^f	Million head.....	3.76*	4.46*	4.51*	4.61*	4.68*	4.76*	4.92*	5.02*
Hogs ^g	Million head.....	9.03*	8.28*	8.04*	9.29*	8.76*	8.88*	9.31*	9.25*
Manufactured items									
Sulfuric acid (100 percent).....	Million metric tons.....	0.59*	0.73*	0.92*	0.94*	0.98*	0.97*	0.99*	1.08*
Synthetic ammonia (nitrogen content)	Thousand metric tons...	335*	393*	412*	418*	439*	449*	453*	600* ^h
Mineral fertilizer (nutrients).....	Million metric tons.....	1.85*	2.08*	2.29*	2.30*	2.41*	2.50*	2.74*	3.00*
Cement.....	Million metric tons.....	2.97*	5.03*	5.46*	5.77*	6.09*	6.45*	7.18*	7.55*
Passenger automobiles.....	Thousand units.....	22.2*	64.1*	84.3*	93.1*	103*	106*	112*	118*
Transportation and trade									
Railroad freight traffic.....	Billion ton-kilometers...	25.2*	32.9*	37.6*	39.1*	38.9*	39.7*	38.5*	38.3*
Motor vehicle freight traffic.....	Billion ton-kilometers...	3.19*	5.00*	6.20*	6.65*	7.21*	7.84*	8.17*	9.12*
Imports (f.o.b.).....	Billion US \$.....	1.17*	2.19*	2.33*	2.63*	2.81*	3.22*	3.28*	N.A.
Exports (f.o.b.).....	Billion US \$.....	1.28*	2.21*	2.71*	2.93*	3.07*	3.20*	3.46*	N.A.

* An asterisk indicates that the data are unclassified.

^a Converted at US purchasing power equivalents.^b Including the armed forces and the unemployed.^c Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^d Data are for barley, oats, rye, wheat, and miscellaneous grains.^e Annual average for 1955-59.^f Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, and mutton.^g As of 30 November of the previous year.^h Plan data.

Table 37

Hungary: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	7.7*	9.5*	11.0*	11.8*	11.8*	12.4*	12.9*	13.2*
Index of industrial production.....	1960=100.....	77*	100*	127*	138*	144*	152*	163*	169*
Total population (midyear).....	Million persons.....	9.8*	10.0*	10.1*	10.1*	10.1*	10.2*	10.2*	10.3*
Labor force (midyear) ^b	Million persons.....	4.68*	4.87*	4.90*	4.94*	4.99*	5.05*	5.09*	5.12*
Fuels and power									
Primary energy (coal equivalents) ^c ...	Million metric tons.....	13.9*	14.8*	17.4*	18.0*	18.3*	18.3*	17.9*	19.1*
Electric power (gross).....	Billion kilowatt-hours...	5.43*	7.62*	9.66*	10.6*	11.2*	11.9*	12.5*	13.2*
Brown coal and lignite.....	Million metric tons.....	19.6*	23.7*	26.8*	27.4*	27.1*	26.0*	23.0*	23.0*
Crude oil.....	Million metric tons.....	1.60*	1.22*	1.76*	1.80*	1.80*	1.71*	1.69*	1.81*
Natural gas.....	Billion cubic meters.....	0.54*	0.34*	0.61*	0.78*	1.11*	1.55*	2.04*	2.69*
Minerals and metals									
Crude steel.....	Million metric tons.....	1.63*	1.89*	2.37*	2.36*	2.52*	2.65*	2.74*	2.90*
Rolled steel.....	Million metric tons.....	0.88*	1.23*	1.63*	1.62*	1.70*	1.73*	1.77*	1.98*
Manganese ore.....	Thousand metric tons...	130*	123*	152*	171*	213*	210*	209*	N.A.
Primary aluminum.....	Thousand metric tons...	37*	50*	55*	57*	58*	60*	62*	63*
Bauxite.....	Million metric tons.....	1.24*	1.19*	1.36*	1.48*	1.48*	1.43*	1.65*	1.95*
Agriculture									
Grain ^d	Million metric tons.....	6.37* ^e	6.86*	6.31*	6.74*	7.29*	7.36*	7.53*	7.84
Potatoes.....	Million metric tons.....	2.47*	2.66*	2.03*	1.65*	1.48*	2.43*	1.51*	1.51*
Meat ^f	Thousand metric tons...	314	430*	456*	433*	476*	469	472	508
Cattle ^g	Million head.....	2.13*	1.97*	1.91*	1.88*	1.96*	1.97*	2.01*	2.09*
Hogs ^h	Million head.....	5.82*	5.36*	5.43*	6.36*	6.96*	5.80*	6.00*	6.61*
Manufactured items									
Sulfuric acid (100 percent) ^b	Thousand metric tons...	144*	178*	283*	340*	394*	418*	450*	446*
Mineral fertilizer (nutrients).....	Thousand metric tons...	41*	102*	168*	192*	265*	299*	340*	402*
Cotton fabrics.....	Million square meters...	220*	225*	275*	293*	305*	317*	324*	295*
Cement.....	Million metric tons.....	1.18*	1.57*	1.80*	2.26*	2.38*	2.60*	2.66*	2.80*
Tractors.....	Thousand units.....	4.7*	2.6*	3.1*	3.0*	3.0*	3.3*	3.6*	2.8*
Transportation and trade									
Railroad freight traffic.....	Billion ton-kilometers...	8.80*	13.3*	15.4*	17.0*	17.3*	17.9*	18.5*	18.3*
Motor vehicle freight traffic.....	Billion ton-kilometers...	0.95*	1.58*	2.18*	2.40*	2.63*	2.96*	3.22*	3.48*
Imports (c.i.f.).....	Billion US \$.....	0.55*	0.98*	1.30*	1.50*	1.52*	1.57*	1.78*	1.80*
Exports (f.o.b.).....	Billion US \$.....	0.60*	0.87*	1.21*	1.35*	1.51*	1.59*	1.70*	1.79*

* An asterisk indicates that the data are unclassified.

^a Converted at US purchasing power equivalents.^b Including the armed forces and the unemployed.^c Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^d Data are for barley, corn, oats, rice, rye, and wheat.^e Annual average for 1955-59.^f Data are on a carcass weight, bone-in basis; are for beef, veal, pork, mutton, lamb, goat, and horsemeat; and include live exports.^g As of March of the stated year.^h Including oleum for all years except 1968.

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COUNTRY TABLES—HUNGARY

Table 38

Poland: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	19.9*	25.3*	28.9*	30.5*	32.6*	34.2*	35.6*	37.8*
Index of industrial production.....	1960=100.....	68*	100*	125*	137*	151*	161*	173*	189*
Total population (midyear).....	Million persons.....	27.2*	29.6*	30.7*	31.2*	31.5*	31.7*	31.9*	32.2*
Labor force (midyear) ^b	Million persons.....	13.6*	14.1*	14.8*	15.1*	15.4*	15.7*	16.0*	16.3*
Fuels and power									
Primary energy (coal equivalents ^c)..	Million metric tons.....	83.9*	93.5*	103*	109*	111*	114*	116*	122*
Electric power (gross).....	Billion kilowatt-hours...	17.8*	29.3*	37.0*	40.6*	43.8*	47.4*	51.3*	55.5*
Hard coal.....	Million metric tons.....	94.5*	104*	113*	117*	119*	122*	124*	129*
Metallurgical coke.....	Million metric tons.....	6.13*	7.71*	8.36*	8.40*	8.93*	9.11*	9.30*	9.63*
Natural gas.....	Billion cubic meters.....	0.39*	0.54*	0.94*	1.18*	1.31*	1.29*	1.57*	2.56*
Minerals and metals									
Crude steel.....	Million metric tons.....	4.43*	6.68*	8.00*	8.57*	9.09*	9.85*	10.4*	11.0*
Rolled steel.....	Million metric tons.....	2.92*	4.42*	5.46*	5.71*	6.13*	6.58*	6.95*	7.33*
Pig iron.....	Million metric tons.....	2.92*	4.25*	4.99*	5.27*	5.38*	5.61*	6.33*	6.76*
Iron ore.....	Million metric tons.....	1.70*	2.18*	2.61*	2.68*	2.86*	3.05*	3.10*	3.10*
Primary aluminum.....	Thousand metric tons...	20*	26*	47*	48*	47*	55*	92*	94*
Lead.....	Thousand metric tons...	34.2*	39.7*	38.9*	41.5*	41.4*	43.5*	44.0*	49.8*
Refined zinc.....	Thousand metric tons...	156*	176*	181*	187*	190*	193*	196*	202*
Agriculture									
Grain ^d	Million metric tons.....	13.2 *	13.1	13.5	13.0	14.8	14.7	14.9	16.5
Potatoes.....	Million metric tons.....	27.0*	36.0*	42.6	45.5	40.9	44.3	46.1	47.8
Meat ^e	Million metric tons.....	0.89	1.15	1.19	1.23	1.33	1.37	1.41	1.43
Fish catch ^f	Thousand metric tons...	107*	168*	210*	244*	280*	316*	321*	386*
Cattle (midyear).....	Million head.....	7.91*	8.70*	9.84*	9.94*	9.95*	10.4*	10.8*	10.9*
Hogs (midyear).....	Million head.....	10.9*	12.6*	11.7*	12.9*	13.8*	14.3*	14.2*	13.9*
Manufactured items									
Sulfuric acid (100 percent).....	Million metric tons.....	0.45*	0.68*	0.89*	1.00*	1.06*	1.14*	1.21*	1.32*
Mineral fertilizer (nutrients).....	Million metric tons.....	0.29*	0.48*	0.60*	0.67*	0.74*	0.83*	0.97*	1.23
Woolen fabrics.....	Million linear meters...	76*	79*	84*	90*	91*	91*	90*	94*
Cement.....	Million metric tons.....	3.81*	6.60*	7.67*	8.76*	9.57*	10.0*	11.1*	11.6*
Tractors.....	Thousand units.....	8.1*	7.7*	17.0*	19.2*	21.5*	24.6*	29.8*	34.9*
Trucks and buses.....	Thousand units.....	12.5*	24.0*	34.2*	34.3*	34.2*	37.8*	40.6*	44.5*
Transportation and trade									
Railroad freight traffic.....	Billion ton-kilometers...	52.0*	66.6*	74.4*	79.1*	81.0*	85.0*	88.5*	92.6*
Motor vehicle freight traffic ^h	Billion ton-kilometers...	3.96*	5.69*	7.24*	7.77*	8.38*	9.26*	10.4*	12.0*
Imports (f.o.b.).....	Billion US \$.....	0.93*	1.50*	1.98*	2.07*	2.34*	2.49*	2.64*	2.87*
Exports (f.o.b.).....	Billion US \$.....	0.92*	1.32*	1.77*	2.10*	2.23*	2.27*	2.53*	2.86*

^a An asterisk indicates that the data are unclassified.^b Converted at US purchasing power equivalents.^c Including the armed forces and the unemployed.^d Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^e Data are for barley, oats, rye, and wheat.^f Annual average for 1955-59.^g Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, horsemeat, and edible offal.^h Salt water catch only.ⁱ Including traffic by vehicles owned and operated by various industries for their exclusive use.

Table 39

Rumania: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	10.0*	11.9*	13.3*	14.5*	15.7*	17.1*	18.1*	19.1*
Index of industrial production.....	1960=100.....	64*	100*	136*	156*	171*	190*	214*	236*
Total population (midyear).....	Million persons.....	17.3*	18.4*	18.8*	18.9*	19.0*	19.1*	19.3*	19.7*
Labor force (midyear) ^b	Million persons.....	10.4*	10.9*	11.1*	11.2*	11.3*	11.4*	11.5*	11.6*
Fuels and power									
Primary energy (coal equivalents ^c)..	Million metric tons.....	26.7*	34.2*	41.6*	43.7*	46.8*	49.4*	52.9*	55.8*
Electric power (gross).....	Billion kilowatt-hours....	4.34*	7.65*	11.7*	13.8*	17.2*	20.8*	24.8*	27.8*
Brown coal and lignite.....	Million metric tons.....	2.8*	3.7*	4.6*	5.2*	6.1*	7.1*	8.3*	9.7
Crude oil.....	Million metric tons.....	10.6*	11.5*	12.2*	12.4*	12.6*	12.8*	13.2*	13.3*
Petroleum products.....	Million metric tons.....	10.1	11.0	11.6	11.7	11.8	11.9	12.2	12.7
Natural gas ^d	Billion cubic meters.....	6.31*	10.3*	14.5*	15.7*	17.5*	18.8*	20.7*	21.9*
Minerals and metals									
Crude steel.....	Million metric tons.....	0.77*	1.81*	2.70*	3.04*	3.43*	3.67*	4.09*	4.75*
Rolled steel.....	Million metric tons.....	0.50*	1.25*	1.92*	2.06*	2.35*	2.59*	2.91*	3.39*
Iron ore.....	Million metric tons.....	0.64*	1.46*	2.29*	1.93*	2.48*	2.68*	2.80*	2.64*
Agriculture									
Grain ^e	Million metric tons.....	8.04 ^f	8.58	9.13	9.66	10.7	12.2	12.0	10.9 *
Potatoes.....	Million metric tons.....	2.61*	3.01*	2.69*	2.62*	2.20*	3.35*	3.10*	3.66*
Meat ^h	Thousand metric tons....	361	414	365	430	462	500	542	550
Cattle (beginning of year).....	Million head.....	4.63*	4.45*	4.57*	4.64*	4.76*	4.94*	5.20*	5.33*
Hogs (beginning of year).....	Million head.....	4.37*	4.30*	4.52*	4.66*	6.03*	5.36*	5.40*	5.75*
Wool (grease basis).....	Thousand metric tons....	20.7*	21.8*	22.6*	24.8*	25.4*	26.1*	29.2*	30.0*
Manufactured items									
Cement.....	Million metric tons.....	1.94*	3.05*	4.37*	4.75*	5.41*	5.89*	6.34*	7.03*
Grain combines.....	Thousand units.....	0*	5.50*	3.66*	3.07*	2.01*	4.05*	4.95*	5.00*
Tractors.....	Thousand units.....	3.5*	17.1*	13.3*	16.0*	15.8*	18.5*	17.6*	21.2*
Transportation and trade									
Railroad freight traffic.....	Billion ton-kilometers....	14.7*	19.8*	26.8*	29.4*	31.0*	34.5*	37.3*	40.3*
Motor vehicle freight traffic.....	Billion ton-kilometers....	1.20*	1.60*	2.78*	3.15*	3.27*	3.95*	4.68*	5.38*
Imports (f.o.b.).....	Billion US \$.....	0.46*	0.65*	1.02*	1.17*	1.08*	1.21*	1.55*	N.A.
Exports (f.o.b.).....	Billion US \$.....	0.42*	0.72*	0.92*	1.00*	1.10*	1.19*	1.40*	N.A.

* An asterisk indicates that the data are unclassified.

^a Converted at US purchasing power equivalents.^b Including the armed forces and the unemployed.^c Energy expressed in coal equivalents has a caloric value of 7,000 kilocalories per kilogram.^d Including methane (dry) gas and wet gas from petroleum fields.^e Unless otherwise indicated, data are for barley, corn, oats, rice, rye, and wheat.^f Annual average for 1955-59.^g Excluding rice.^h Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, and goat.

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COUNTRY TABLES—RUMANIA

Table 40

Communist China: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	62	N.A.	N.A.	N.A.	N.A.	82	N.A.	N.A.
Index of industrial production ^b	1960=100.....	44-47	100*	70-73	80-84	93-99	105-112	89-96	N.A.
Total population (midyear).....	Million persons.....	611*	686*	723*	738*	755*	772*	789*	806*
Labor force (midyear) ^c	Million persons.....	273*	307*	314*	321*	328*	335*	N.A.	N.A.
Agricultural labor force (midyear) ..	Million persons.....	234*	254*	269*	275*	281*	287*	N.A.	N.A.
Fuels and power									
Primary energy (coal equivalents ^d) ..	Million metric tons.....	94.7	209	172	187	202	210	184	194
Electric power (gross).....	Billion kilowatt-hours...	12.3*	47*	33*	36*	42	47	41	44
Hard coal ^a	Million metric tons.....	98.3*	280	190	200	210	220	190	200
Crude oil (natural and synthetic)...	Million metric tons.....	0.97*	4.6	5.5	6.9	8.0	10	10	11
Petroleum products.....	Million metric tons.....	1.2	4.7	5.0	6.3	7.2	9.0	8.9	9.8
Minerals and metals									
Crude steel.....	Million metric tons.....	2.85*	18.4*	9	10	11	12	10	12
Pig iron.....	Million metric tons.....	3.87*	27.5* ^f	10.0	11.0	12.0	15.4	14.0	15.5
Iron ore.....	Million metric tons.....	9.60*	56.4	20.4	22.5	24.8	31.1	28.0	31.1
Manganese ore.....	Thousand metric tons...	196	708	281	372	312	375	340	375
Tungsten ore (60 percent WO ₃).....	Thousand metric tons...	20	29	18	15	15	14	12	12
Primary aluminum.....	Thousand metric tons...	10	80	85	100	115	125	120	140
Agriculture									
Grain ^a	Million metric tons.....	180 ^h	160-165	170-185	180-190	185-195	180-195	190-200	185-195
Ginned cotton.....	Million metric tons.....	1.52	1.20	0.80	1.00	1.00	1.20	1.30	1.30
Manufactured items									
Sulfuric acid (100 percent).....	Million metric tons.....	0.38*	1.35*	1.5	2.0	2.2	2.3	N.A.	N.A.
Chemical fertilizer ⁱ	Million metric tons.....	0.4	2.5	2.9	3.5	4.5	5.5	4.0	4.5-5.0
Nutrients.....	Million metric tons.....	0.08	0.49	0.57	0.68	0.88	1.08	0.78	0.88-0.98
Cement.....	Million metric tons.....	4.5*	9.0	7.3	8.7	10.9	12.0	10.2	10.5
Tractors.....	Thousand units.....	0*	10.8	10.0	12.0	13.4	16.2	16.2	N.A.
Trucks and buses.....	Thousand units.....	Negl.	15	16	26	34	47	34	31
Trade									
Imports (f.o.b.).....	Billion US \$.....	1.66*	2.03*	1.20*	1.47*	1.86*	2.04*	1.96*	1.72*
Exports (f.o.b.).....	Billion US \$.....	1.38*	1.94*	1.57*	1.75*	2.00*	2.24*	2.00*	1.86*

* An asterisk indicates that the data are unclassified.

^a Converted at US purchasing power equivalents.^b Estimates of this Office computed by applying value-added weights to data for commodity production. The data are fragmentary and uncertain; therefore, the index should be regarded as providing only a tentative indication of the general level and trend in production.^c Data exclude the armed forces but include the unemployed.^d Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^e Including a negligible amount of brown coal.^f Including 13.4 million metric tons of pig iron made in "small blast furnaces," of which 6.5 million metric tons were usable for steelmaking.^g Data are for barley, corn, oats, rice, rye, and wheat, and also include kaoliang, broad beans, and field peas. Tubers are included on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.^h Annual average for 1957-59.ⁱ Data are in terms of product weight containing 20 percent nitrogen (N), 18.7 percent phosphoric acid (P₂O₅), and 40 percent potassium oxide (K₂O).

Table 41

North Korea: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product ^a	Billion 1967 US \$.....	1.0	2.2	2.6	2.8	2.9	3.0	N.A.	N.A.
Gross industrial production.....	1960=100.....	22*	100*	148*	173*	198*	N.A.	N.A.	N.A.
Total population (midyear).....	Million persons.....	8.9*	10.6*	11.5*	11.8*	12.2*	12.6*	13.0*	13.4*
Labor force (midyear) ^b	Million persons.....	3.5*	4.1*	4.6*	5.0*	5.1*	5.2*	5.3*	5.4*
Fuels and power									
Primary energy (coal equivalents) ^c ..	Million metric tons.....	4.4*	14.1*	18.6*	19.3*	21.3	21.5	23.5	26.6
Electric power (gross).....	Billion kilowatt-hours.....	3.14*	9.14*	11.8*	12.5*	13.4	12.5*	14.0*	15.0
Metallurgical coke.....	Million metric tons.....	0.21*	0.82*	1.20*	1.20*	N.A.	N.A.	N.A.	N.A.
Hard coal.....	Million metric tons.....	1.9*	6.8*	9.2*	9.3*	12.4	14.0	15.4	18.6
Minerals and metals									
Crude steel.....	Million metric tons.....	0.14*	0.64*	1.02*	1.13*	1.23	1.30	1.50	1.60
Iron ore.....	Million metric tons.....	0.14*	3.11*	3.86*	4.00* ^d	4.96* ^e	5.00*	5.46	5.50
Tungsten ore ^f	Thousand metric tons.....	1.86*	3.00*	4.00*	4.20*	N.A.	N.A.	N.A.	N.A.
Lead.....	Thousand metric tons.....	9.4	34.0	47.0*	51.0*	54.0*	57.0*	61.0*	61.0*
Refined zinc.....	Thousand metric tons.....	0*	55*	71*	75*	80*	84*	88*	88*
Agriculture									
Grain ^a	Million metric tons.....	3.19 ^h	3.70	3.70	N.A.	3.90	3.70	4.30	4.80
Rice (rough, or paddy).....	Million metric tons.....	1.24* ^h	1.51	1.55	1.62	N.A.	N.A.	N.A.	2.00
Fish catch.....	Thousand metric tons.....	313*	465*	640*	770*	785*	700	N.A.	N.A.
Cattle (beginning of year).....	Million head.....	N.A.	0.67*	0.68*	0.70	0.69	N.A.	N.A.	N.A.
Hogs (beginning of year).....	Million head.....	0.70	1.12*	1.14*	1.44	1.21	N.A.	N.A.	N.A.
Manufactured items									
Synthetic ammonia (nitrogen content).....	Thousand metric tons.....	6	111	140	125	120	120	140	195
Mineral fertilizer (nutrients).....	Thousand metric tons.....	17	127	187	166	158	158	176	239
Metalcutting machine tools.....	Thousand units.....	0.32*	2.90*	3.33*	2.58	3.95	N.A.	N.A.	6.70
Cement.....	Million metric tons.....	0.36*	2.28*	2.53*	2.61*	2.40*	2.50*	2.50	2.50
Trucks and buses.....	Thousand units.....	0*	3.1*	4.0*	2.6	4.5	6.0	8.0	9.5
Transportation and trade									
Railroad freight traffic.....	Billion ton-kilometers.....	3.79*	9.10*	10.4*	10.6*	10.5	11.9	12.5	12.8
Motor vehicle freight traffic.....	Million ton-kilometers.....	138*	552*	670*	729*	765	N.A.	N.A.	N.A.
Imports (f.o.b.) ⁱ	Million US \$.....	60*	167*	190*	203*	216*	202*	224*	234*
Exports (f.o.b.) ⁱ	Million US \$.....	45*	154*	184*	197*	198*	221*	226*	242*

* An asterisk indicates that the data are unclassified.

^a Converted at the exchange rate of 1.2 won to US \$1.^b Data exclude the armed forces but include the unemployed.^c Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^d Plan data.^e Based on an announced increase for 1965 of 24 percent applied to 1964 plan data.^f Tungsten trioxide (60 percent WO₃ basis).^g Data are for barley, corn, oats, rice, wheat, buckwheat, millet, peas, all beans including soybeans, and tubers on a straight weight basis.^h Annual average for 1955-59.ⁱ Estimated data based on data of trading partner countries.

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COUNTRY TABLES—NORTH KOREA

Table 42

North Vietnam: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross industrial production.....	1960=100.....	21*	100*	154*	170*	184*	N.A.	N.A.	N.A.
Total population (midyear).....	Million persons.....	14.9*	16.0*	17.2*	17.6*	18.1*	18.5*	18.9*	19.3*
Labor force (midyear) ^a	Million persons.....	7.4*	8.2*	8.9*	9.2*	9.4*	9.6*	9.6*	9.7*
Fuels and power									
Primary energy (coal equivalents ^b)..	Million metric tons.....	0.6	2.4	3.1	3.2	3.7	3.8	2.3	2.8
Electric power (gross).....	Billion kilowatt-hours....	0.05*	0.26*	0.46*	0.55*	0.60	0.55	0.45	0.50
Minerals and metals									
Pig iron.....	Thousand metric tons....	0*	10*	15*	120	200	150	N.A.	N.A.
Iron ore.....	Million metric tons.....	N.A.	0.02*	0.07*	0.25	0.40	0.30	N.A.	N.A.
Chromite ^c	Thousand metric tons....	0 *	19.4*	30.3*	29.0	15.0	Negl.	Negl.	Negl.
Agriculture									
Grain ^d	Million metric tons.....	4.49 *	4.43*	4.46*	4.59*	4.79*	N.A.	N.A.	N.A.
Rice (rough, or paddy).....	Million metric tons.....	4.28* *	4.21*	4.24*	4.31*	4.51*	4.20	4.00	3.80
Sweet potatoes and manioc.....	Million metric tons.....	0.70	0.92*	1.68*	2.03*	1.18* ^f	N.A.	N.A.	N.A.
Cattle (beginning of year) ^e	Million head.....	1.84*	2.40*	2.27*	2.30*	2.38*	2.44*	2.47*	2.50*
Hogs (beginning of year).....	Million head.....	2.14*	3.63*	4.24*	4.21*	4.48*	4.84*	5.10*	5.20*
Ginned cotton.....	Thousand metric tons....	0.9	1.5*	2.0*	2.0	N.A.	N.A.	N.A.	N.A.
Manufactured items									
Metalcutting machine tools.....	Thousand units.....	0*	0.65*	0.54*	1.04*	0.50*	N.A.	N.A.	N.A.
Cement.....	Thousand metric tons....	8*	408*	495*	648*	660*	665*	200	120
Transportation and trade									
Railroad freight traffic.....	Billion ton-kilometers....	0.04*	0.70*	0.85*	0.93*	N.A.	N.A.	N.A.	N.A.
Motor vehicle freight traffic.....	Million ton-kilometers....	4*	108*	164*	179*	N.A.	N.A.	N.A.	N.A.
Imports (f.o.b.).....	Million US \$.....	74*	128 ^h	156 ^h	132 ⁱ	195 ⁱ	250 ⁱ	356 ⁱ	410 ⁱ
Exports (f.o.b.).....	Million US \$.....	7*	80 ^h	97 ^h	108 ⁱ	102 ⁱ	85 ⁱ	57 ⁱ	57 ⁱ

* An asterisk indicates that the data are unclassified.

^a Data exclude the armed forces but include the unemployed.^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^c Data are for the estimated chromic oxide (Cr₂O₃) content of the ores mined.^d Corn and rice only.^e Annual average for 1955-59.^f Excluding manioc.^g Including buffaloes.^h Estimated.ⁱ Estimated data based on data of trading partner countries.

Table 43

Albania: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross industrial production *	1960=100	46*	100*	121*	130*	139*	156*	176*	209* ^b
Total population (midyear)	Million persons	1.4*	1.6*	1.8*	1.8*	1.9*	1.9*	2.0*	2.0*
Labor force (midyear) *	Million persons	0.68*	0.73*	0.78*	0.80*	0.82*	0.84*	0.86*	0.89*
Fuels and power									
Primary energy (coal equivalents ^d)	Million metric tons	0.4*	1.1*	1.2*	1.2*	1.4	1.5	1.6	1.8
Electric power (gross)	Billion kilowatt-hours	0.08*	0.19*	0.26*	0.29*	0.36*	0.42*	0.56*	0.67*
Brown coal and lignite	Million metric tons	0.2*	0.3*	0.3*	0.3*	0.3*	0.4*	0.4	0.5
Crude oil	Million metric tons	0.21*	0.73*	0.75*	0.76*	0.82*	0.89*	0.98*	1.10*
Minerals and metals									
Iron ore *	Million metric tons	0*	0.26*	0.26*	0.34*	0.39*	0.42	N.A.	N.A.
Chromite ^f	Thousand metric tons	54.9	130*	132*	138*	140	136	N.A.	N.A.
Blister copper	Thousand metric tons	0.9*	0.9*	2.0*	2.2*	4.7	5.2	5.8	8.9
Agriculture									
Grain *	Million metric tons	0.34* ^h	0.22*	0.28*	0.33*	0.33*	0.38	0.50	0.48
Potatoes	Million metric tons	0.03*	0.02*	0.02*	0.03*	0.02*	0.11*	0.12*	0.16
Cattle (beginning of year) ⁱ	Million head	0.43*	0.43*	0.41*	0.41*	0.43*	0.43*	0.42	N.A.
Hogs (beginning of year)	Million head	0.08*	0.12*	0.11*	0.11*	0.15*	0.14	0.14	N.A.
Ginned cotton	Thousand metric tons	4.1*	5.4*	7.7*	7.7*	8.2*	8.2*	7.3*	N.A.
Wool (grease basis)	Thousand metric tons	2.6	2.2	2.4	2.5	2.3	2.2	2.2	N.A.
Manufactured items									
Cement	Thousand metric tons	45*	73*	130*	128*	134*	138*	N.A.	N.A.
Transportation and trade									
Railroad freight traffic	Million ton-kilometers	20*	50*	60*	90*	100*	110*	120*	150*
Motor vehicle freight traffic	Million ton-kilometers	135*	328*	388*	424*	454*	527*	570*	633*
Imports (f.o.b.)	Million US \$	43*	81*	71*	98*	105* ^b	N.A.	N.A.	N.A.
Exports (f.o.b.)	Million US \$	13*	49*	48*	60*	63* ^b	N.A.	N.A.	N.A.

* An asterisk indicates that the data are unclassified.

* Socialized industry only.

^b Estimated.^c Including the armed forces and the unemployed.^d Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^e Iron-nickel ore that is mined for its nickel content.^f Data are for the estimated chromic oxide (Cr₂O₃) content of the ores mined.^g Data are for barley, corn, oats, rice, rye, wheat, and buckwheat.^h Annual average for 1955-59.ⁱ Including buffaloes.

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COUNTRY TABLES—ALBANIA

Table 44

Cuba: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross national product.....	Billion 1957 US \$.....	2.34	3.14 *	2.80	2.96	3.17	3.08	3.28	N.A.
Total population (midyear).....	Million persons.....	6.1*	6.7*	7.0*	7.1*	7.3*	7.4*	7.5*	7.6*
Fuels and power									
Electric power (gross).....	Billion kilowatt-hours.....	1.87*	2.98*	3.03*	3.19*	3.45*	3.71*	3.96*	N.A.
Minerals and metals									
Crude steel.....	Thousand metric tons.....	N.A.	N.A.	40	50	30	60*	120*	N.A.
Manganese ore.....	Thousand metric tons.....	258* ^b	16* ^c	81*	85	120	115	N.A.	N.A.
Refined nickel ^d	Thousand metric tons.....	13.7*	14.7	19.8	22.9	28.2	27.9	32.0	N.A.
Chromite ^e	Thousand metric tons.....	27.8*	10.0* ^e	17.6	11.5	14.4	13.1	N.A.	N.A.
Agriculture									
Grain ^f	Thousand metric tons.....	420* ^g	480*	290	160	70	90	N.A.	N.A.
Rice (rough, or paddy).....	Thousand metric tons.....	250* ^g	270*	204	123	50	68	92	N.A.
Potatoes ^h	Thousand metric tons.....	130	90*	86	75	83	104	N.A.	N.A.
Milk.....	Thousand metric tons.....	735*	742*	660*	780	780	950	N.A.	N.A.
Cane sugar.....	Million metric tons.....	4.53*	5.86*	3.82*	4.40*	6.05*	4.45*	6.13*	5.10*
Molasses.....	Million metric tons.....	2.3*	1.6*	1.2	1.3	2.2	1.2	2.0 ⁱ	N.A.
Fish catch.....	Thousand metric tons.....	12.8*	29.5*	34.0*	35.8*	39.0*	41.7*	62.9*	82.0*
Green coffee.....	Thousand metric tons.....	54.4*	42.0*	34.7	32.0	23.9	33.4	N.A.	N.A.
Cattle (beginning of year).....	Million head.....	4.45*	5.76*	5.97	6.38	6.61	6.70	6.77	7.10*
Ginned cotton.....	Thousand metric tons.....	0*	7.2*	3.5*	0.9	0.8	0.4	N.A.	N.A.
Tobacco.....	Thousand metric tons.....	49.5*	52.2*	47.6	43.8	43.4	51.3	N.A.	N.A.
Manufactured items									
Rubber tires.....	Thousand units.....	101	341	363	450	197	306	400	N.A.
Cement.....	Thousand metric tons.....	463*	813*	810*	805	800	750	850	N.A.
Trade									
Imports (c.i.f.).....	Million US \$.....	635*	550*	832*	1,019*	865*	925*	998	1,050
Exports (f.o.b.).....	Million US \$.....	594*	618*	545*	714*	686*	596*	702	625

* An asterisk indicates that the data are unclassified.

^a Data are for 1961.^b Exports.^c US imports.^d Nickel content of oxide and sulfides.^e Data are for the estimated chromic oxide (Cr₂O₃) content of the ores mined.^f Corn and rice only.^g Annual average for 1955-59.^h Beginning in 1960, data include government collections only. Total production is somewhat higher.ⁱ Preliminary.

Table 45

Mongolia: Selected Economic Data
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Gross industrial production.....	1960=100.....	43*	100*	144*	154*	165*	176*	189*	204*
Total population (midyear).....	Million persons.....	0.8*	0.9*	1.0*	1.1*	1.1*	1.1*	1.2*	1.2*
Fuels and power									
Electric power (gross).....	Million kilowatt-hours....	35.1	106*	212*	224*	242*	215*	245*	289*
Coal.....	Million metric tons.....	0.33*	0.62*	0.85*	0.62*	0.99*	1.05*	1.10*	1.26*
Diesel fuel.....	Thousand metric tons.....	N.A.	7.0*	7.6*	8.2*	6.6*	N.A.	N.A.	N.A.
Petroleum.....	Thousand metric tons.....	N.A.	28.6*	19.3*	18.0*	15.9*	N.A.	N.A.	N.A.
Gasoline.....	Thousand metric tons.....	N.A.	17.8*	18.2*	16.5*	17.0*	N.A.	N.A.	N.A.
Agriculture									
Grain *.....	Thousand metric tons.....	73.9* ^b	256*	320*	371*	354*	297*	350*	N.A.
Fresh butter *.....	Thousand metric tons.....	4.9*	4.8*	3.9*	4.2*	4.1*	N.A.	N.A.	N.A.
Livestock.....	Million head.....	23.1*	20.7*	22.4*	22.8*	23.8*	22.0*	22.2*	N.A.
Manufactured items									
Hides and skins.....	Million units.....	N.A.	0.92*	1.73*	2.09*	1.97*	N.A.	N.A.	N.A.
Bricks.....	Million units.....	N.A.	77.5	62.5*	38.8*	47.3*	N.A.	42.8	54.1
Leather footwear.....	Million pairs.....	N.A.	0.90*	1.31*	1.42*	1.40*	1.48*	1.66*	1.78
Transportation and trade									
Railroad freight traffic.....	Billion ton-kilometers....	N.A.	3.0*	1.3	0.9	0.9	N.A.	N.A.	N.A.
Imports (f.o.b.).....	Million US \$.....	51	121	147	176	150	179	209	N.A.
Exports (f.o.b.).....	Million US \$.....	52	73	76	80	98	86	86	N.A.

* An asterisk indicates that the data are unclassified.

* Data are for barley, oats, wheat, and miscellaneous grain.

^b Annual average for 1955-59.^c Excluding butter prepared by the self-employed for their own use.

SECRET

SECRET

COUNTRY TABLES—MONGOLIA

Table 46

Yugoslavia: Selected Economic Data
1955, 1960, and 1963-68

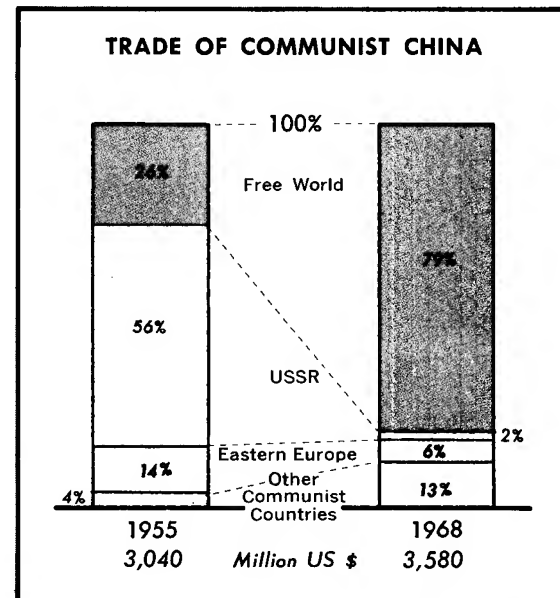
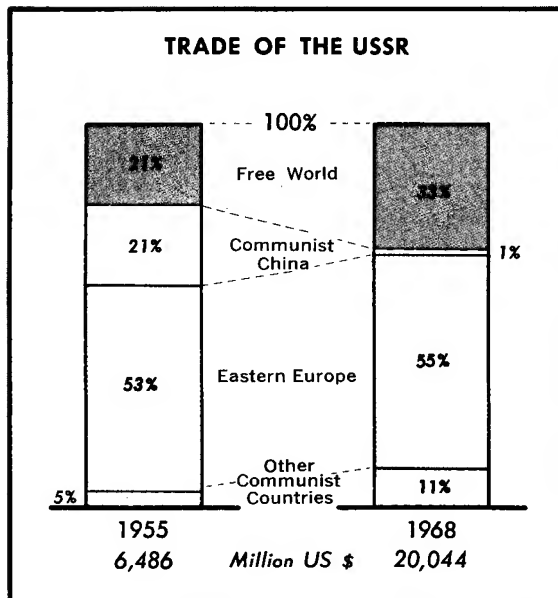
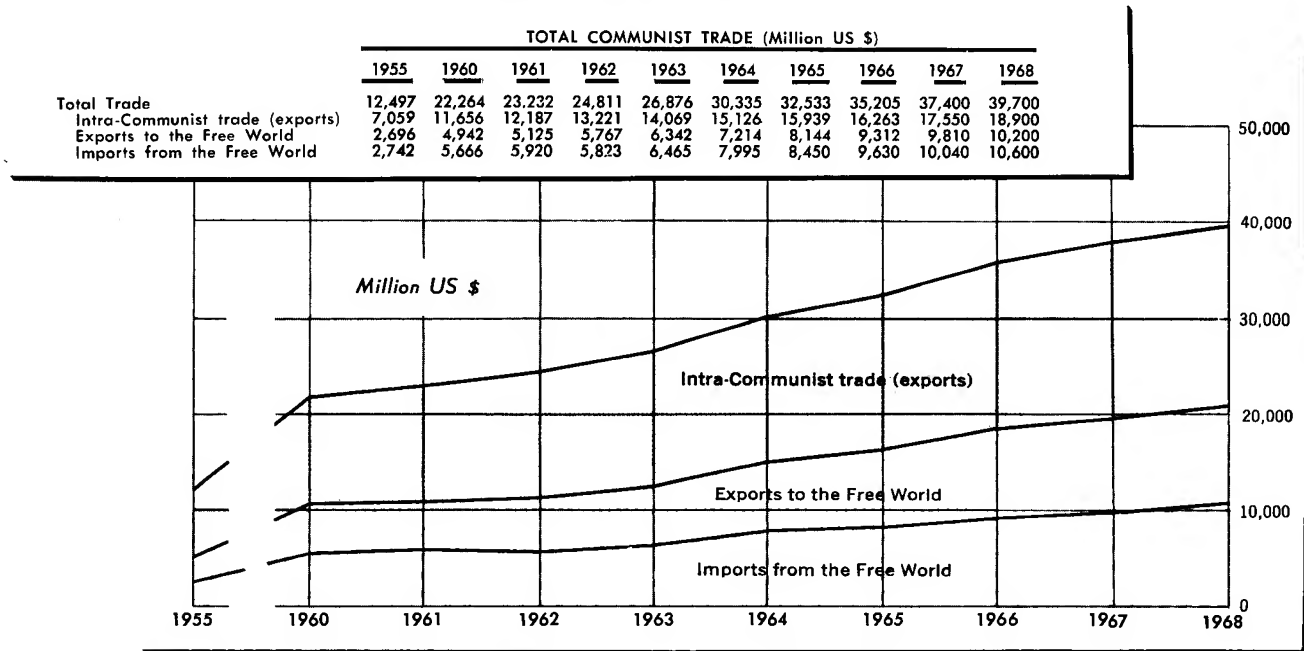
	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Aggregative data									
Index of industrial production.....	1960=100.....	55	100	133	154	166	173	172	183
Total population (midyear).....	Million persons.....	17.5	18.4	19.1	19.3	19.5	19.7	19.9	20.2
Labor force (midyear) ^a	Million persons.....	8.01	8.32	8.62	8.75	8.88	8.99	9.09	9.20
Fuels and power									
Primary energy (coal equivalents ^b)..	Million metric tons....	9.6	15.5	19.2	20.2	21.3	21.4	20.8	21.6
Electric power (gross).....	Billion kilowatt-hours....	4.34	8.93	13.5	14.2	15.5	17.2	18.7	20.6
Metallurgical coke.....	Million metric tons.....	0.73	1.08	1.09	1.16	1.25	1.23	1.21	1.20
Crude oil.....	Million metric tons.....	0.26	0.94	1.61	1.80	2.06	2.22	2.37	2.49
Natural gas.....	Million cubic meters....	55	53	191	274	330	402	461	584
Minerals and metals									
Crude steel.....	Million metric tons.....	0.80	1.44	1.59	1.68	1.77	1.87	1.83	2.00
Rolled steel.....	Million metric tons.....	0.49	0.97	1.15	1.20	1.19	1.23	1.18	1.51
Iron ore.....	Million metric tons.....	1.40	2.20	2.30	2.31	2.50	2.49	2.58	2.72
Refined copper.....	Thousand metric tons....	24.8	35.1	49.0	51.9	56.4	62.9	66.2	70.1
Primary aluminum.....	Thousand metric tons....	12	25	36	35	39	42	45	48
Bauxite.....	Million metric tons.....	0.79	1.02	1.28	1.29	1.57	1.89	2.13	2.13
Agriculture									
Grain ^c	Million metric tons.....	8.59 ^d	10.9	10.6	11.7	10.6	13.9	13.2	12.0
Meat ^e	Thousand metric tons....	481	522	546	558	639	558	636	655
Milk.....	Million metric tons.....	1.70	2.28	2.17	2.24	2.30	2.51	2.60	2.71
Fish catch.....	Thousand metric tons....	22.6	30.9	34.4	38.3	41.9	45.5	47.9	N.A.
Cattle (beginning of year).....	Million head.....	5.29	5.30	5.36	5.09	5.22	5.58	5.71	5.69
Hogs (beginning of year).....	Million head.....	4.73	6.21	5.01	6.12	6.98	5.12	5.52	5.86
Manufactured items									
Sulfuric acid (100 percent).....	Thousand metric tons....	73	130	391	472	435	542	592	589
Mineral fertilizer (nutrients).....	Thousand metric tons....	34	45	189	247	226	279	305	309
Cotton fabrics.....	Million square meters....	174	257	348	378	394	416	378	401
Cement.....	Million metric tons.....	1.57	2.40	2.85	3.04	3.10	3.23	3.31	3.76
Tractors.....	Thousand units.....	1.1	7.3	8.1	9.4	7.4	8.7	8.8	10.9
Passenger automobiles.....	Thousand units.....	0.8	10.5	20.9	27.9	36.4	37.7	47.9	59.4
Trucks and buses (civilian).....	Thousand units.....	2.7	5.5	9.8	11.4	11.9	11.8	12.1	13.7
Transportation and trade									
Railroad freight traffic ^f	Billion ton-kilometers....	11.6	15.2	17.3	18.3	18.0	17.5	16.4	16.3
Imports (c.i.f.).....	Billion US \$.....	0.44	0.83	1.06	1.32	1.29	1.58	1.71	1.80
Exports (f.o.b.).....	Billion US \$.....	0.26	0.57	0.79	0.89	1.09	1.22	1.25	1.26

^a Including the armed forces and the unemployed.^b Energy expressed in coal equivalents has a calorific value of 7,000 kilocalories per kilogram.^c Data are for barley, corn, oats, rice, rye, and wheat.^d Annual average for 1955-59.^e Data are on a carcass weight, bone-in basis; are for beef, veal, pork, mutton, and horsemeat; and include live exports.^f Including service traffic.

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Figure 8

DIRECTION OF FOREIGN TRADE OF THE COMMUNIST COUNTRIES 1955 AND 1960-68



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Table 47

World Exports, * by Selected Country and Region
1955-68

Billion US \$

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
World.....	94.3	105	113	109	117	129	135	143	156	174	188	206	217	240
Free World ^b	84.5	93.8	101	95.9	102	113	118	124	135	152	164	180	189	211
Of which:														
US.....	15.6	19.1	20.9	17.9	17.6	20.6	21.0	21.7	23.4	26.6	27.5	30.4	31.6	34.7
Western Europe.....	34.8	38.0	41.6	41.3	44.9	51.4	55.1	58.0	63.3	70.8	78.5	85.7	90.2	101
Japan.....	2.0	2.5	2.9	2.9	3.5	4.1	4.2	4.9	5.5	6.7	8.5	9.8	10.4	13.0
Communist Countries ^b	9.8	10.7	12.0	12.9	15.1	16.6	17.3	19.0	20.4	22.3	24.1	25.6	27.4	29.1
Of which:														
USSR.....	3.4	3.6	4.4	4.3	5.4	5.6	6.0	7.0	7.3	7.7	8.2	8.8	9.6	10.6
Eastern Europe.....	4.6	5.0	5.4	6.0	6.8	7.6	8.3	8.9	9.9	10.9	11.8	12.3	13.4	14.3
Communist China.....	1.4	1.6	1.6	1.9	2.2	1.9	1.5	1.5	1.6	1.8	2.0	2.2	2.0	1.9

* Including foreign aid where possible. Data are f.o.b.

^b Before 1960, Cuba is included in the Free World.

Table 48

Trade of the US with the USSR and Eastern European Communist Countries
1955-68

Million US \$

	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
US exports to *.....	7.0	11.2	86.1	113.1	89.3	193.9	133.3	125.4	166.8	339.9	140.0	197.7	195.2	216.8
USSR ^b	0.3	3.8	4.5	3.4	7.4	39.3	45.6	20.2	22.9	146.4	45.2	41.7	60.3	57.5
Eastern Europe..	6.8	7.4	81.6	109.7	81.9	154.6	87.8	105.1	143.9	193.5	94.8	155.9	134.9	159.4
US imports from *..	55.7	65.3	61.2	63.4	80.8	80.9	81.0	78.8	81.4	98.4	137.4	178.6	176.9	198.1
USSR ^b	17.1	24.5	16.8	17.5	28.6	22.6	23.2	16.3	21.2	20.7	42.6	49.6	41.2	58.1
Eastern Europe..	38.6	40.8	44.5	45.9	52.2	58.2	57.8	62.5	60.2	77.7	94.7	129.0	135.7	140.0

* Exports include reexports and are valued f.a.s. Imports are general imports and are valued f.o.b. port of export.

^b Including data for Estonia, Latvia, and Lithuania.

ALL DATA IN THESE TABLES ARE UNCLASSIFIED

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TRADE

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

Table 49

Trade of the US with the USSR, by Commodity
1955, 1960, and 1963-67

	Thousand US \$						
	1955	1960	1963	1964	1965	1966	1967
Exports to the USSR ^a							
Total exports ^b	245	39,255	22,913	146,351	45,117	41,668	60,163
Food and live animals	N.A.	60	783	117,804 ^c	0	93	0
Beverages and tobacco	0	0	0	0	36	48	248
Inedible crude materials except fuels	27	4,022	7,305	6,304	15,882	23,212	32,124
Cattle hides	27	2,622	5,916	3,038	6,088	15,313	16,758
Manmade fiber, staple and tow	N.A.	1,400	547	1,987	1,353	2,403	5,396
Mineral fuels, lubricants, and related materials	N.A.	0	1,961	299	0	0	196
Animal and vegetable oils and fats	N.A.	0	2,066	8,250	17,492	7,599	0
Tallow	N.A.	0	2,066	8,250	17,492	7,599	0
Chemicals	133	3,099	8,122	8,057	5,730	4,883	13,125
Basic manufactures	N.A.	12,310	724	194	136	1,088	1,557
Machinery and transport equipment	7	19,254	1,101	4,996	5,097	4,041	11,206
Miscellaneous manufactures	16	258	539	372	537	485	1,490
Other	63	252	312	75	207	219	217
Imports from the USSR ^d							
Total imports ^b	16,828	22,779	21,161	20,678	42,584	49,547	41,048
Food and live animals	265	221	245	231	586	743	865
Inedible crude materials except fuels	10,355	8,008	11,818	12,299	13,848	16,351	16,397
Furs	7,958	5,967	6,770	5,932	6,176	6,302	4,190
Chrome ore	0	160	3,481	4,358	4,373	6,323	6,785
Chemicals	3,963	8,175	202	193	960	1,387	1,149
Basic manufactures ^e	1,298	5,738	8,258	7,066	26,417	30,159	21,736
Platinum ^e	1,127	2,760	2,454	1,245	7,024	1,677	586
Palladium ^e	N.A.	1,473	3,954	3,811	12,530	13,920	7,019
Rhodium ^e	N.A.	1,292	1,647	1,035	3,165	3,408	3,120
Miscellaneous manufactures	16	317	511	738	613	691	737
Other	931	320	127	151	160	216	164

^a Exports are domestic exports only, excluding reexports, and are valued f.a.s. Except for 1955, exports include data for Estonia, Latvia, and Lithuania, which are treated separately in the US Department of Commerce statistics.

^b The minor differences between the totals shown on this table and those shown on Table 48, p. 45, are due to differences in definition.

^c Excluding US wheat shipped from a Canadian port, as reported by US grain inspectors (4.1 million bushels valued at US \$7.4 million). The final destinations were unknown at the time of export from the US.

^d Imports for 1955 and 1960 are for consumption only, whereas imports for 1963-67 are general imports. Imports are valued f.o.b. port of export and, except for 1955, include data for Estonia, Latvia, and Lithuania, which are treated separately in the US Department of Commerce statistics.

^e Data may include unrefined metal.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

Table 50

Trade Turnover of the Communist Countries *
1955, 1960, and 1963-68

	Million US \$								Average Annual Rate of Growth ^b (Percent)	
	1955	1960	1963	1964	1965	1966	1967	1968	1956-60	1964-68
COMMUNIST COUNTRIES										
USSR and Eastern Europe										
USSR.....	6,487*	11,192*	14,331*	15,420*	16,233*	16,754*	18,185*	20,044*	11.5*	6.9*
Eastern Europe										
Bulgaria.....	486*	1,204*	1,767*	2,042*	2,354*	2,783*	3,030*	3,370*	19.9*	13.8*
Czechoslovakia.....	2,229*	3,745*	4,622*	5,005*	5,361*	5,481*	5,544*	6,082*	10.9*	5.6*
East Germany.....	2,451*	4,402*	5,044*	5,565*	5,879*	6,420*	6,735*	N.A.	12.4*	7.5* ^d
Hungary.....	1,155*	1,850*	2,511*	2,846*	3,030*	3,159*	3,476*	3,592*	9.9*	7.4*
Poland.....	1,852*	2,821*	3,749*	4,169*	4,568*	4,766*	5,171*	5,726*	8.8*	8.8*
Rumania.....	884*	1,365*	1,937*	2,168*	2,179*	2,399*	2,941*	3,045*	9.1*	9.5*
Far East										
Communist China * ^e	3,040*	3,975*	2,770*	3,220*	3,850*	4,295*	3,955*	3,580*	5.5*	5.3*
North Korea ^f	105*	321*	374*	400*	414*	423*	450*	476*	25.0*	4.9*
North Vietnam.....	80*	208 ^e	253 ^e	239 ^f	298 ^f	335 ^f	413 ^f	467 ^f	21.1	13.0
Other										
Albania.....	56*	130*	119*	158*	168* ^e	N.A.	N.A.	N.A.	18.3*	18.8* ^e
Cuba.....	^h	1,168*	1,377*	1,733*	1,551*	1,521*	1,700	1,675 ^e	^h	4.0
Yugoslavia.....	698*	1,393*	1,847*	2,216*	2,379*	2,796*	2,959*	3,056*	14.8*	10.6*

* An asterisk indicates that the data are unclassified.

* Official statistics of the countries listed, except where data are estimated. Official statistics for exports and imports are f.o.b. except for Hungary, Cuba, and Yugoslavia, where imports are c.i.f.

^b The base years are 1955 and 1963, respectively.^c Estimated.^d Rate of growth for 1964-67.^e Rounded to the nearest US \$5 million.^f Estimated data based on data of trading partner countries.^g Rate of growth for 1964-65.^h Not applicable. Cuba was not a Communist country before 1960.

SECRET

SECRET

TRADE

TRADE

SECRET

Table 51

Trade Among the Communist Countries ^a
1955, 1960, and 1963-68

Million US \$

		Exports by Designated Country							
		1955 ^b	1960	1963	1964	1965	1966	1967	1968
COMMUNIST COUNTRIES									
USSR and Eastern Europe									
USSR.....		2,726*	4,211*	5,099*	5,407*	5,556*	5,873*	6,376*	7,134*
Eastern Europe									
Bulgaria.....		212*	480*	685*	781*	934*	997*	1,135*	1,266*
Czechoslovakia.....		810*	1,395*	1,859*	1,902*	1,965*	1,928*	2,051*	2,131*
East Germany.....		940*	1,672*	2,144*	2,275*	2,297*	2,386*	2,599*	N.A.
Hungary.....		404*	623*	849*	963*	1,058*	1,089*	1,167*	1,286*
Poland.....		578*	830*	1,123*	1,351*	1,409*	1,400*	1,611*	1,879*
Rumania.....		341*	523*	639*	688*	756*	735*	789*	N.A.
Far East									
Communist China ^{c d}		950*	1,320*	820*	710*	650*	610*	490*	440*
North Korea ^e		43*	149*	173*	175*	177*	189*	189*	202*
North Vietnam.....		6*	70 ^e	77 ^e	85 ^e	79 ^e	64 ^e	45 ^e	47 ^e
Other									
Albania.....		13*	48*	45*	55*	59* ^e	N.A.	N.A.	N.A.
Cuba.....	^f		151*	343*	422*	535*	482*	571	480 ^e
Yugoslavia.....		36*	184*	214*	312*	464*	453*	460*	439* ^e
		Imports by Designated Country							
		1955 ^b	1960	1963	1964	1965	1966	1967	1968
COMMUNIST COUNTRIES									
USSR and Eastern Europe									
USSR.....		2,418*	3,978*	4,986*	5,346*	5,610*	5,264*	5,946*	6,369*
Eastern Europe									
Bulgaria.....		223*	531*	769*	804*	874*	1,028*	1,165*	1,365*
Czechoslovakia.....		755*	1,294*	1,589*	1,763*	1,961*	1,923*	1,929*	2,219*
East Germany.....		828*	1,620*	1,816*	1,976*	2,046*	2,307*	2,394*	N.A.
Hungary.....		302*	687*	900*	996*	1,018*	1,016*	1,183*	1,235*
Poland.....		605*	950*	1,326*	1,306*	1,548*	1,604*	1,737*	1,844*
Rumania.....		386*	474*	694*	795*	660*	694*	754*	N.A.
Far East									
Communist China ^{c d}		1,300*	1,285*	430*	390*	515*	520*	355*	310*
North Korea ^e		54*	160*	174*	183*	180*	170*	192*	199*
North Vietnam.....		73*	118 ^e	134 ^e	119 ^e	180 ^e	237 ^e	350 ^e	403 ^e
Other									
Albania.....		42*	77*	66*	92*	98* ^e	N.A.	N.A.	N.A.
Cuba.....	^f		120*	704*	692*	658*	738*	778	830 ^e
Yugoslavia.....		33*	212*	241*	386*	381*	503*	462*	494* ^e

^{*} An asterisk indicates that the data are unclassified.^a Official statistics of the countries listed, except where data are estimated. Official statistics for exports and imports are f.o.b. except for Hungary, Cuba, and Yugoslavia, where imports are c.i.f.^b Excluding trade of the Communist countries with Cuba.^c Estimated.^d Rounded to the nearest US \$5 million.^e Estimated data based on data of trading partner countries.^f Not applicable. Cuba was not a Communist country before 1960.

SECRET

TRADE

Table 52

Trade of the Communist Countries with the Free World *
1955, 1960, and 1963-68

Million US \$

		Exports to the Free World							
		1955 ^b	1960	1963	1964	1965	1966	1967	1968
COMMUNIST COUNTRIES									
USSR and Eastern Europe									
USSR.....		700*	1,352*	2,173*	2,276*	2,618*	2,968*	3,273*	3,500*
Eastern Europe									
Bulgaria.....		24*	91*	149*	199*	242*	308*	323*	345*
Czechoslovakia.....		366*	535*	603*	674*	723*	817*	813*	874*
East Germany.....		338*	535*	570*	656*	773*	819*	857*	N.A.
Hungary.....		197*	250*	357*	389*	452*	504*	534*	504*
Poland.....		341*	495*	647*	746*	819*	872*	915*	982*
Rumania.....		81*	194*	276*	312*	346*	451*	606*	N.A.
Far East									
Communist China ^{c d}		425*	625*	755*	1,040*	1,345*	1,630*	1,510*	1,420*
North Korea ^e		2*	5*	11*	22*	21*	32*	37*	40*
North Vietnam.....		1*	10 ^c	20 ^c	23* ^e	23* ^e	21* ^e	12* ^e	10* ^e
Other									
Albania.....		Negl.*	1*	3*	4*	4* ^c	N.A.	N.A.	N.A.
Cuba.....		^f	467*	202*	292*	151*	114*	131	145 ^c
Yugoslavia.....		221*	382*	576*	581*	627*	767*	792*	821* ^c
		Imports from the Free World							
		1955 ^b	1960	1963	1964	1965	1966	1967	1968
COMMUNIST COUNTRIES									
USSR and Eastern Europe									
USSR.....		642*	1,650*	2,072*	2,390*	2,448*	2,649*	2,591*	3,041*
Eastern Europe									
Bulgaria.....		27*	102*	164*	259*	303*	450*	407*	394*
Czechoslovakia.....		298*	522*	572*	666*	711*	813*	751*	858*
East Germany.....		344*	574*	515*	658*	763*	908*	884*	N.A.
Hungary.....		252*	288*	405*	499*	502*	550*	592*	568*
Poland.....		327*	546*	653*	766*	793*	890*	908*	1,022*
Rumania.....		76*	174*	328*	374*	418*	519*	792*	N.A.
Far East									
Communist China ^{c d}		360*	745*	770*	1,080*	1,340*	1,525*	1,600*	1,410*
North Korea ^e		6*	7*	16*	20*	36*	32*	32*	35*
North Vietnam.....		1*	10 ^c	22 ^c	13* ^e	15* ^e	13* ^e	6* ^e	7* ^e
Other									
Albania.....		1*	4*	5*	6*	7* ^c	N.A.	N.A.	N.A.
Cuba.....		^f	430*	128* ^e	327*	207*	187*	220	220 ^c
Yugoslavia.....		408*	614*	815*	937*	907*	1,073*	1,245*	1,302* ^c

* An asterisk indicates that the data are unclassified.

* Official statistics of the countries listed, except where data are estimated. Official statistics for exports and imports are f.o.b. except for Hungary, Cuba, and Yugoslavia, where imports are c.i.f.

^b Including trade of the Communist countries with Cuba.^c Estimated.^d Rounded to the nearest US \$5 million.^e Estimated data based on data of trading partner countries.^f Not applicable. Cuba was not a Communist country before 1960.^g Excluding US ransom payment of US \$35 million.

SECRET

49

Table 53

Direction of Soviet Foreign Trade •
1955-67

Million US \$

		Communist Countries					Free World			
		Total Trade	Total	Eastern Europe	Communist China	Other Asian	Other ^b	Total	Developed Countries	Less Developed Countries Unspecified
1955....	Exports.....	3,426.6	2,726.2	1,792.1	748.3	169.4	16.4	700.3	554.1	95.6 50.6
	Imports.....	3,060.5	2,418.4	1,662.8	643.6	94.6	17.4	642.2	440.7	198.6 2.9
1956....	Exports.....	3,615.0	2,732.9	1,767.8	733.0	163.0	69.1	882.1	607.1	164.2 110.8
	Imports.....	3,612.6	2,735.8	1,815.1	764.2	106.8	49.7	876.9	591.2	282.3 3.4
1957....	Exports.....	4,381.4	3,304.4	2,549.9	544.1	137.3	73.1	1,077.0	701.9	271.3 103.8
	Imports.....	3,937.7	2,825.7	1,914.8	738.1	115.9	56.8	1,112.2	683.3	422.9 3.0
1958....	Exports.....	4,299.2	3,136.2	2,320.1	634.0	131.0	51.1	1,163.0	682.0	378.9 102.1
	Imports.....	4,349.5	3,242.0	2,205.7	881.2	104.2	50.9	1,107.6	633.2	473.2 1.2
1959....	Exports.....	5,450.4	4,131.7	2,950.6	954.6	180.3	46.2	1,318.7	867.4	332.0 119.3
	Imports.....	5,073.2	3,789.5	2,519.4	1,100.3	116.7	53.1	1,283.7	768.9	511.0 3.8
1960....	Exports.....	5,563.7	4,211.4	3,117.7	817.1	63.9	208.8	1,352.3	983.4	338.3 30.6
	Imports.....	5,628.4	3,978.3	2,819.4	848.1	97.8	213.2	1,650.1	1,082.2	564.4 3.5
1961....	Exports.....	5,998.4	4,321.1	3,399.4	367.3	118.3	435.7	1,677.3	1,069.3	496.6 111.4
	Imports.....	5,827.6	4,146.7	3,044.1	551.4	104.8	446.4	1,680.9	1,092.9	579.1 8.9
1962....	Exports.....	7,030.5	4,905.2	3,971.1	233.4	135.3	565.3	2,125.3	1,115.2	560.0 450.1
	Imports.....	6,455.4	4,565.5	3,590.3	516.3	118.4	340.4	1,889.9	1,282.8	604.4 2.7
1963....	Exports.....	7,272.4	5,099.4	4,163.3	187.2	138.8	610.1	2,173.0	1,218.1	751.9 203.0
	Imports.....	7,058.7	4,986.4	4,146.8	413.0	123.4	303.1	2,072.3	1,399.6	664.6 8.1
1964....	Exports.....	7,683.3	5,406.9	4,499.2	135.3	130.6	641.8	2,276.4	1,282.1	774.5 219.8
	Imports.....	7,736.5	5,346.4	4,450.4	314.2	115.4	466.3	2,390.1	1,734.4	653.8 1.9
1965....	Exports.....	8,174.6	5,556.3	4,552.6	191.7	164.7	647.3	2,618.3	1,438.0	910.7 269.6
	Imports.....	8,058.3	5,609.8	4,672.6	225.6	118.9	592.8	2,448.4	1,600.8	845.2 2.4
1966....	Exports.....	8,841.0	5,872.8	4,692.0	175.3	153.8	851.8	2,968.2	1,711.4	886.3 370.5
	Imports.....	7,912.8	5,263.9	4,462.1	143.1	117.7	541.0	2,648.9	1,741.6	903.5 3.8
1967....	Exports.....	9,648.8	6,375.6	5,037.4	50.2	258.3	1,029.7	3,273.2	1,885.3	960.3 427.6
	Imports.....	8,536.1	5,945.6	5,092.5	56.8	128.9	667.4	2,590.5	1,781.6	804.9 4.0

^a Official Soviet statistics. Exports and imports are f.o.b. Data for Hong Kong and Macao are excluded.^b Other Communist countries include Yugoslavia in 1955-67, Mongolia in 1960-67, Albania in 1961-67, and Cuba in 1960-67. Mongolia is included in other Asian Communist countries before 1960, Albania is included in the Eastern European Communist countries before 1961, and Cuba is included in the less developed countries of the Free World before 1960.ALL DATA IN THIS TABLE ARE UNCLASSIFIED
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ALL DATA IN THIS TABLE ARE UNCLASSIFIED

TRADE

Table 54

Soviet Exports, by Commodity *
1955, 1960, and 1963-67

Value in Million US \$

	1955		1960	1963	1964	1965	1966	1967	
	Value	Percent	Value	Value	Value	Value	Value	Value	Percent
Total exports.....	3,426.6	100.0	5,563.7	7,272.4	7,683.3	8,174.6	8,841.0	9,648.8	100.0
Machinery and equipment.....	599.0	17.5	1,141.2	1,435.1	1,612.8	1,635.8	1,838.3	2,038.6	21.1
Complete plants.....	276.8	8.1	568.5	554.9	604.2	613.5	641.3	720.8	7.5
Fuels, lubricants, and related materials.....	329.0	9.6	901.8	1,289.3	1,364.0	1,386.3	1,429.4	1,523.3	15.8
Coal and coke.....	97.8	2.9	242.1	376.6	418.4	384.3	358.8	351.1	3.6
Petroleum and petroleum products.....	230.1	6.7	657.9	910.4	943.1	998.9	1,064.0	1,152.1	11.9
Ores and concentrates.....	115.4	3.4	242.9	291.4	313.8	310.0	302.2	325.8	3.4
Iron ore.....	81.6	2.4	175.0	235.9	255.5	250.7	241.7	261.6	2.7
Base metals and manufactures.....	432.4	12.6	837.7	1,012.8	1,254.9	1,329.4	1,345.6	1,339.3	13.9
Ferrous metals.....	321.6	9.4	642.7	794.1	962.6	997.6	965.5	974.7	10.1
Rolled ferrous metals.....	192.2	5.6	428.8	551.2	656.6	659.4	632.7	643.7	6.7
Nonferrous metals.....	110.7	3.2	194.9	218.7	292.3	331.8	380.1	364.6	3.8
Aluminum.....	25.9	0.8	44.7	79.5	113.4	141.3	118.6	120.9	1.3
Tin.....	6.3	0.2	24.6	1.7	Negl.	Negl.	Negl.	Negl.	Negl.
Chemicals.....	72.7	2.1	150.1	192.9	199.1	229.2	271.4	324.8	3.4
Wood and wood products.....	174.5	5.1	305.1	414.2	506.3	593.6	622.1	626.4	6.5
Lumber.....	94.3	2.8	182.8	234.9	281.8	312.2	307.6	282.6	2.9
Textile raw materials and semimanufactures.....	346.7	10.1	358.6	337.7	382.1	421.3	460.1	451.3	4.7
Cotton fiber.....	297.9	8.7	288.7	243.5	297.1	331.7	367.7	373.1	3.9
Consumer goods.....	538.0	15.7	898.9	1,156.3	806.1	895.6	1,034.1	1,355.5	14.0
Food.....	386.4	11.3	693.4	908.2	568.7	659.6	781.1	1,081.0	11.2
Grain.....	283.5	8.3	467.8	424.1	241.9	270.3	232.0	450.4	4.7
Other consumer goods.....	151.6	4.4	205.6	248.2	237.4	236.0	253.0	274.5	2.8
Other merchandise.....	128.0	3.7	209.7	225.9	216.6	238.5	308.6	366.0	3.8
Unspecified.....	691.1	20.2	515.6	916.8	1,027.6	1,134.8	1,229.2	1,297.6	13.4

* Official Soviet statistics. Exports are f.o.b.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

TRADE

Table 55

Soviet Imports, by Commodity *
1955, 1960, and 1963-67

Value in Million US \$

	1955		1960	1963	1964	1965	1966	1967	
	Value	Percent	Value	Value	Value	Value	Value	Value	Percent
Total imports.....	3,060.5	100.0	5,628.4	7,058.7	7,736.5	8,058.3	7,912.8	8,536.1	100.0
Machinery and equipment.....	925.3	30.2	1,675.2	2,466.0	2,664.9	2,692.2	2,564.8	2,916.9	34.2
Transportation equipment.....	383.5	12.5	660.1	847.2	996.9	990.0	941.4	926.6	10.9
Fuels, lubricants, and related materials....	250.0	8.2	237.3	201.9	183.2	198.5	184.5	186.6	2.2
Coal and coke.....	126.9	4.1	93.5	97.3	96.9	123.0	127.4	135.2	1.6
Petroleum and petroleum products.....	123.1	4.0	143.7	104.6	86.3	75.5	57.1	51.4	0.6
Ores and concentrates.....	251.3	8.2	314.0	292.1	302.0	315.5	300.5	313.7	3.7
Base metals and manufactures.....	204.1	6.7	545.9	464.9	356.9	389.4	307.8	355.2	4.2
Ferrous metals.....	71.0	2.3	373.9	339.9	276.7	314.2	249.4	295.2	3.5
Rolled ferrous metals.....	16.1	0.5	178.8	169.5	136.4	132.2	99.2	145.1	1.7
Nonferrous metals.....	133.1	4.3	172.0	125.0	80.1	75.2	58.4	59.9	0.7
Tin.....	47.9	1.6	34.8	17.2	17.9	21.0	16.0	18.4	0.2
Copper.....	43.5	1.4	71.9	61.7	14.7	0.5	7.6	1.4	<i>Negl.</i>
Chemicals.....	52.1	1.7	149.3	285.3	347.6	375.4	398.4	467.2	5.5
Rubber and rubber products.....	41.4	1.4	196.2	212.5	145.0	198.9	206.6	182.8	2.1
Wood and wood products.....	92.9	3.0	104.8	118.9	131.3	150.3	152.2	187.5	2.2
Textile raw materials and semimanufactures.	166.4	5.4	364.5	338.8	292.9	357.9	374.7	343.3	4.0
Cotton fiber.....	20.1	0.7	179.9	170.0	118.0	161.7	140.4	112.6	1.3
Wool fiber.....	89.7	2.9	118.0	88.8	97.8	100.0	117.9	88.7	1.0
Consumer goods.....	667.3	21.8	1,572.2	2,112.9	2,639.3	2,654.0	2,720.9	2,858.5	33.5
Food.....	518.1	16.9	611.8	872.6	1,486.3	1,509.9	1,442.0	1,238.5	14.5
Wheat and wheat flour.....	2.6	0.1	9.6	237.1	576.9	424.7	515.1	151.2	1.8
Other consumer goods.....	149.2	4.9	960.4	1,240.3	1,153.0	1,144.1	1,278.9	1,620.1	19.0
Other merchandise.....	305.4	10.0	375.9	409.4	462.1	471.3	463.9	480.4	5.6
Unspecified.....	104.2	3.4	93.2	156.1	211.2	254.8	238.5	244.0	2.8

* Official Soviet statistics. Imports are f.o.b.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

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SECRET

TRADE

Table 56

Soviet Exports of Petroleum *
1955, 1960, and 1963-68

	1955	1960	1963	1964	1965	1966	1967	1968 ^b
	Million Metric Tons							
Total petroleum.....	8.0*	33.2*	51.4*	56.6*	64.4*	73.6*	78.8*	82.3
Free World.....	3.8*	18.0*	28.4*	31.3*	35.5*	41.4*	43.5*	43.3
Communist Countries.....	4.2*	15.2*	23.0*	25.3*	28.9*	32.2*	35.3*	39.0
Eastern Europe.....	2.2*	9.2*	15.9*	18.6*	22.4*	25.3*	27.6*	31.4
Crude oil.....	2.9*	17.8*	30.2*	36.7*	43.4*	50.3*	54.1*	57.5
Free World.....	0.7*	9.0*	15.4*	18.8*	21.0*	24.8*	26.8*	26.5
Communist Countries.....	2.2*	8.8*	14.8*	17.9*	22.4*	25.5*	27.3*	31.0
Eastern Europe.....	1.7*	6.2*	10.7*	13.9*	18.3*	20.9*	22.6*	26.3
Petroleum products.....	5.1*	15.4*	21.1*	19.9*	21.0*	23.3*	24.7*	24.8
Free World.....	3.1*	9.0*	13.0*	12.5*	14.5*	16.6*	16.7*	16.8
Communist Countries.....	2.0*	6.4*	8.2*	7.4*	6.5*	6.7*	8.0*	8.0
Eastern Europe.....	0.5*	3.0*	5.3*	4.7*	4.1*	4.3*	4.9*	5.1
	Million US \$							
Total petroleum.....	230.1*	657.9*	910.4*	943.1*	998.9*	1,064.2*	1,152.1*	1,240.0
Free World.....	79.7*	250.1*	365.7*	383.6*	422.3*	488.6*	540.0*	540.0
Communist Countries.....	150.4*	407.8*	544.7*	559.5*	576.6*	575.6*	612.1*	700.0
Eastern Europe.....	54.6*	239.7*	387.5*	360.1*	469.7*	465.6*	488.9*	545.0
Crude oil.....	64.1*	275.7*	432.5*	528.5*	612.0*	657.4*	713.0*	790.0
Free World.....	10.4*	101.5*	156.6*	193.0*	214.6*	253.4*	295.4*	295.0
Communist Countries.....	53.7*	174.2*	275.9*	335.5*	397.4*	404.0*	417.6*	495.0
Eastern Europe.....	36.2*	137.2*	227.4*	215.1*	348.3*	352.2*	363.2*	420.0
Petroleum products.....	166.0*	382.2*	477.9*	414.6*	386.9*	406.9*	439.1*	450.0
Free World.....	69.3*	148.6*	209.1*	190.7*	207.7*	234.9*	237.1*	245.0
Communist Countries.....	96.7*	233.6*	268.8*	224.0*	179.2*	172.0*	202.0*	205.0
Eastern Europe.....	18.4*	102.5*	160.1*	145.0*	121.4*	113.4*	125.7*	125.0

* An asterisk indicates that the data are unclassified.

* Data for 1955, 1960, and 1963-67 for exports of total petroleum, crude oil, and petroleum products and for exports to the Communist countries are official Soviet statistics. Data for the Free World are derived as residuals and include exports for which the importing country is not specified. Cuba is included in the Free World in 1955 and in the Communist countries in 1960 and 1963-68.

^b Estimated. Value data are based on constant 1967 average prices.

Table 57

Soviet Imports of Chemical Equipment
1955, 1960, and 1963-67

	1955	1960	1963	1964	1965	1966	1967
	Million US \$						
Total.....	24.6*	185.6*	211.3*	207.1*	208.2*	231.1*	291.8*
Eastern Europe.....	24.6*	49.1*	87.3*	93.9*	97.7*	83.8*	115.1*
Of which:							
Czechoslovakia.....	12.2*	24.3*	47.1*	52.3*	48.7*	34.9*	51.8*
East Germany.....	11.6*	18.4*	20.2*	17.2*	17.9*	23.6*	31.7*
Developed Countries.....	Negl.*	136.4*	124.0*	113.2*	110.6*	147.3*	176.7*
Of which:							
France.....	N.A.*	17.7*	13.0*	5.0*	13.4*	19.6*	40.4*
Italy.....	N.A.*	22.9*	29.0*	6.6*	16.8*	11.3*	11.3*
Japan.....	N.A.*	4.0*	18.2*	5.1*	6.6*	20.8*	23.8*
UK.....	N.A.*	39.2*	30.3*	29.7*	43.7*	58.4*	49.9*
West Germany.....	N.A.*	41.6*	19.0*	58.8*	18.3*	24.8*	12.1*

* An asterisk indicates that the data are unclassified.

SECRET

53

Table 58

Direction of Communist China's Foreign Trade
1955-68Million US \$ ^a

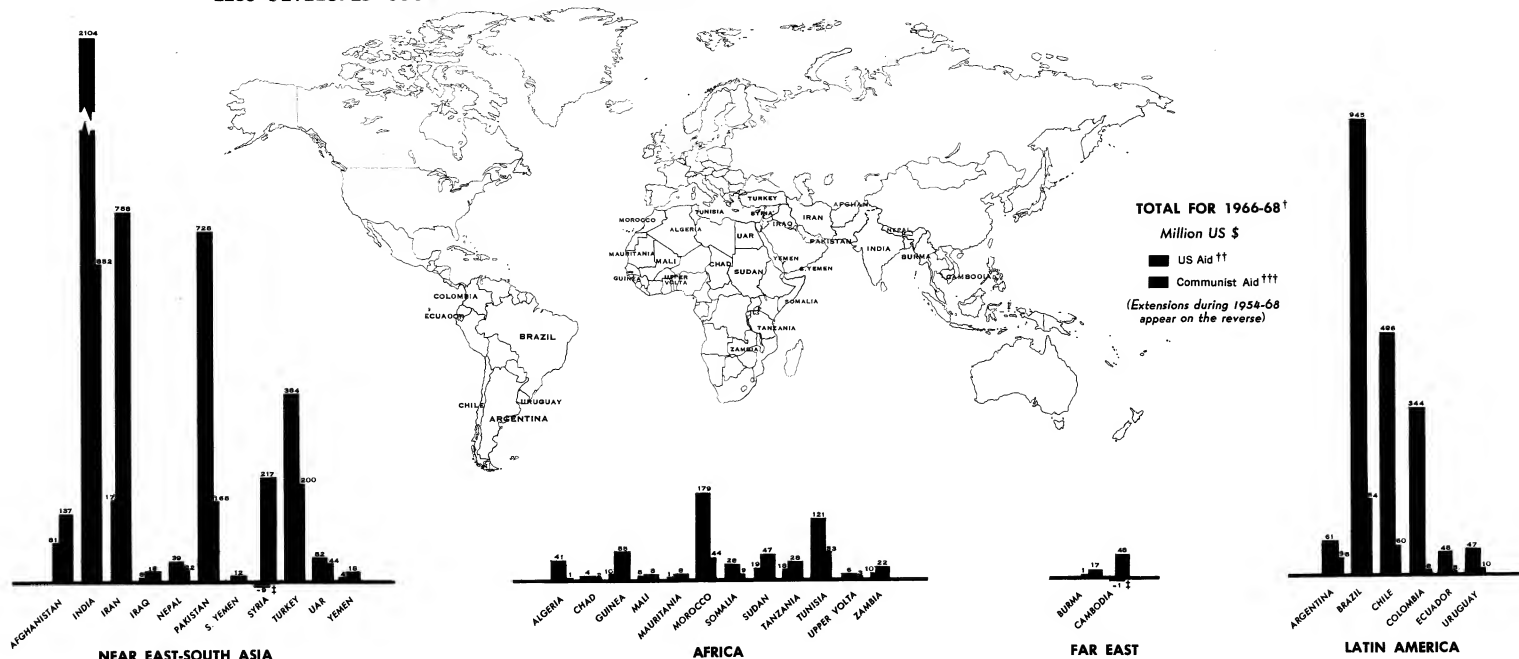
		Communist Countries					Free World Countries			
		Total Trade	Total	Eastern Europe	USSR	Other ^b	Total	Developed Countries	Less Developed Countries	Hong Kong and Macao
1955.....	Exports.....	1,375	950	200	645	105	425	N.A.	N.A.	N.A.
	Imports.....	1,660	1,300	235	1,055	10	360	N.A.	N.A.	N.A.
1956.....	Exports.....	1,635	1,045	200	745	100	590	N.A.	N.A.	N.A.
	Imports.....	1,485	1,010	265	715	30	475	N.A.	N.A.	N.A.
1957.....	Exports.....	1,595	1,065	225	750	90	530	N.A.	N.A.	N.A.
	Imports.....	1,430	870	275	545	50	560	N.A.	N.A.	N.A.
1958.....	Exports.....	1,910	1,250	260	880	110	660	N.A.	N.A.	N.A.
	Imports.....	1,825	1,100	410	635	55	725	N.A.	N.A.	N.A.
1959.....	Exports.....	2,205	1,595	330	1,100	165	615	N.A.	N.A.	N.A.
	Imports.....	2,060	1,365	325	955	85	695	N.A.	N.A.	N.A.
1960.....	Exports.....	1,945	1,320	295	850	175	625	240	245	140
	Imports.....	2,030	1,285	335	815	135	745	505	235	Negl.
1961.....	Exports.....	1,525	960	140	550	270	560	220	225	115
	Imports.....	1,495	715	160	365	190	775	600	175	Negl.
1962.....	Exports.....	1,525	915	105	515	295	605	210	260	140
	Imports.....	1,150	490	65	235	190	660	475	185	Negl.
1963.....	Exports.....	1,570	820	115	415	290	755	265	305	185
	Imports.....	1,200	430	50	185	195	770	580	190	Negl.
1964.....	Exports.....	1,750	710	100	315	295	1,040	415	350	270
	Imports.....	1,470	390	60	135	195	1,080	685	395	Negl.
1965.....	Exports.....	1,995	650	95	225	330	1,345	560	425	355
	Imports.....	1,855	515	105	190	220	1,340	920	415	5
1966.....	Exports.....	2,245	610	130	145	335	1,630	705	525	400
	Imports.....	2,045	520	140	175	205	1,525	1,140	385	5
1967.....	Exports.....	2,000	490	110	55	325	1,510	635	565	310
	Imports.....	1,955	355	135	50	170	1,600	1,335	265	Negl.
1968.....	Exports.....	1,860	440	N.A.	N.A.	N.A.	1,420	585	N.A.	N.A.
	Imports.....	1,720	310	N.A.	N.A.	N.A.	1,410	1,185	N.A.	N.A.

^a Rounded to the nearest US \$5 million.^b Other Communist countries include Yugoslavia in 1955-68, Mongolia in 1960-68, Albania in 1961-68, and Cuba in 1960-68. Mongolia is included in other Asian Communist countries before 1960, Albania is included in the Eastern European Communist countries before 1961, and Cuba is included in the less developed countries of the Free World before 1960.

SECRET

US AND COMMUNIST ECONOMIC AID EXTENDED TO LESS DEVELOPED COUNTRIES OF THE FREE WORLD

Figure 9



† Except for South Yemen, these data include only those less developed countries to which both US aid and Communist aid were extended during 1966-68 (all those to which Communist aid was extended but not all to which US aid was extended). US data are for 1 July 1966 to 1 July 1968.

†† Including economic and technical assistance and defense support obligations under the Foreign Assistance Act and antecedent legislation, authorized Inter-American Development Bank loans, \$2.489 funds earmarked for shipments of surplus agricultural products, authorized long-term Export-Import Bank loans, and US contributions to international organizations.

††† Data are for extensions, not actual drawings, and include credits and grants.

‡ A minus sign indicates deobligations in excess of new obligations.

SECRET

EXTENSIONS DURING 1954-68[†]

Figure 9 (Continued)

Million US \$

	US AID ^{††}				COMMUNIST AID ^{†††}			
	1954-68	1968	1967	1966	1954-68	1968	1967	1966
Africa	2,672.8	199.0	273.2	266.4	1,668.8	60.1	95.5	122.6
Algeria	191.6	-0.2 ‡	21.6	19.2	307.0			1.1
Cameroon	28.8	0.6	1.4	2.1	7.8			
Central African Republic	4.4	0.2	0.9	0.6	4.0			
Chad	8.4	1.0	1.9	1.2	2.2	2.2		
Congo (Brazzaville)	2.1		-0.2 ‡	-0.2 ‡	1.0			
Ethiopia	222.7	8.8	18.2	52.1	116.8			
Ghana	240.2	28.8	36.7	9.3	239.1			
Guinea	73.5	4.2	-0.5 ‡	6.2	129.9	1.5	16.2	34.9
Kenya	62.3	4.4	4.0	19.3	65.6			
Mali	18.5	0.2	2.7	2.2	153.5			6.2
Mauritania	3.3		0.3	0.2	6.0			
Morocco	651.6	78.0	42.7	57.9	74.8			43.6
Nigeria	229.1	22.3	18.2	29.3	14.9			
Senegal	31.5	3.6	6.8	5.7	6.7			
Sierra Leone	39.3	3.9	3.6	5.2	28.0			
Somalia	73.2	5.1	16.1	5.0	84.4			8.7
Sudan	106.5	-19.3 ‡	20.4	18.2	77.8		17.4	
Tanzania	62.4	5.7	6.4	6.3	51.3			28.1
Tunisia	563.6	46.7	53.8	20.5	104.4	5.2		
Uganda	30.7	2.5	7.0	3.8	30.6			
Upper Volta	10.9	1.4	2.9	1.3	3.2	3.1		
Zambia	18.2	1.1	8.3	1.0	22.4		12.1	
Far East	1,436.3	166.1	114.1	74.6	1,094.2			62.5
Burma	71.7	0.3	0.5	0.5	125.3	1.0		16.1
Cambodia	254.2	-0.3 ‡	-0.3 ‡	-0.4 ‡	122.6			46.4
Indonesia	519.3	103.4	59.0	19.7	747.7			
Laos ‡‡	591.1	62.7	54.9	54.8	11.6			
Latin America	6,079.9	627.8	704.3	608.0	515.6	12.5	16.8	137.1
Argentina	598.0	32.1	1.3	27.7	97.7	5.0	30.0	
Brazil	2,843.0	329.9	270.1	345.0	335.6		17.0	137.1
Chile	1,344.3	107.3	284.6	104.4	59.8	5.0	54.8	
Colombia	947.5	107.6	140.2	96.2	2.5	2.5		
Ecuador	231.4	13.6	4.9	28.0	5.0		5.0	
Uruguay	115.7	37.3	3.2	6.7	10.0		10.0	
Near East-South Asia	16,531.3	1,132.2	1,122.6	1,359.5	6,951.4	664.2	309.0	1,279.9
Afghanistan	358.3	15.1	32.0	33.7	736.4	126.7	5.0	5.6
Ceylon	136.2	27.4	10.4	14.0	121.6			
Greece	543.2	0.5	1.7	-0.7 ‡	81.0			
India	7,472.4	615.9	586.8	901.4	1,966.5		25.0	626.7
Iran	923.7	42.0	107.0	20.6	955.9	452.8	10.0	305.5
Iraq	52.8		3.3	5.1	222.3		18.4	
Nepal	125.0	11.1	7.1	21.1	85.8	2.0		19.6
Pakistan	3,509.9	353.6	232.5	141.5	348.1	45.7	7.0	113.2
South Yemen					12.0	12.0		
Syria	62.6	-0.7 ‡	-8.7 ‡	0.4	415.1	25.0		191.8
Turkey	2,314.4	70.6	151.9	162.0	218.9		200.0	
UAR	990.0	-2.1 ‡	-3.5 ‡	57.7	1,612.6		43.6	
Yemen	42.8	-1.2 ‡	2.1	2.7	162.2			17.5
Total	26,720.3	2,125.1	2,214.2	2,308.5	10,144.0	742.8	521.3	1,602.1

† Except for South Yemen, these data include only those less developed countries to which both US aid and Communist aid were extended during 1954-68 (all those to which Communist aid was extended but not all to which US aid was extended). US data are for 1 July 1954 to 1 July 1968.

†† Including economic and technical assistance and defense support obligations under the Foreign Assistance Act and antecedent legislation, authorized Inter-American Development Bank loans, PL 480 funds earmarked for shipments of surplus agricultural products, authorized long-term Export-Import Bank loans, and US contributions to international organizations.

††† Data are for extensions, not actual drawings, and include credits and grants.

‡ A minus sign indicates deobligations in excess of new obligations.

‡‡ Credits extended after the formation of the Laos Coalition Government under the Geneva Accord of July 1962.

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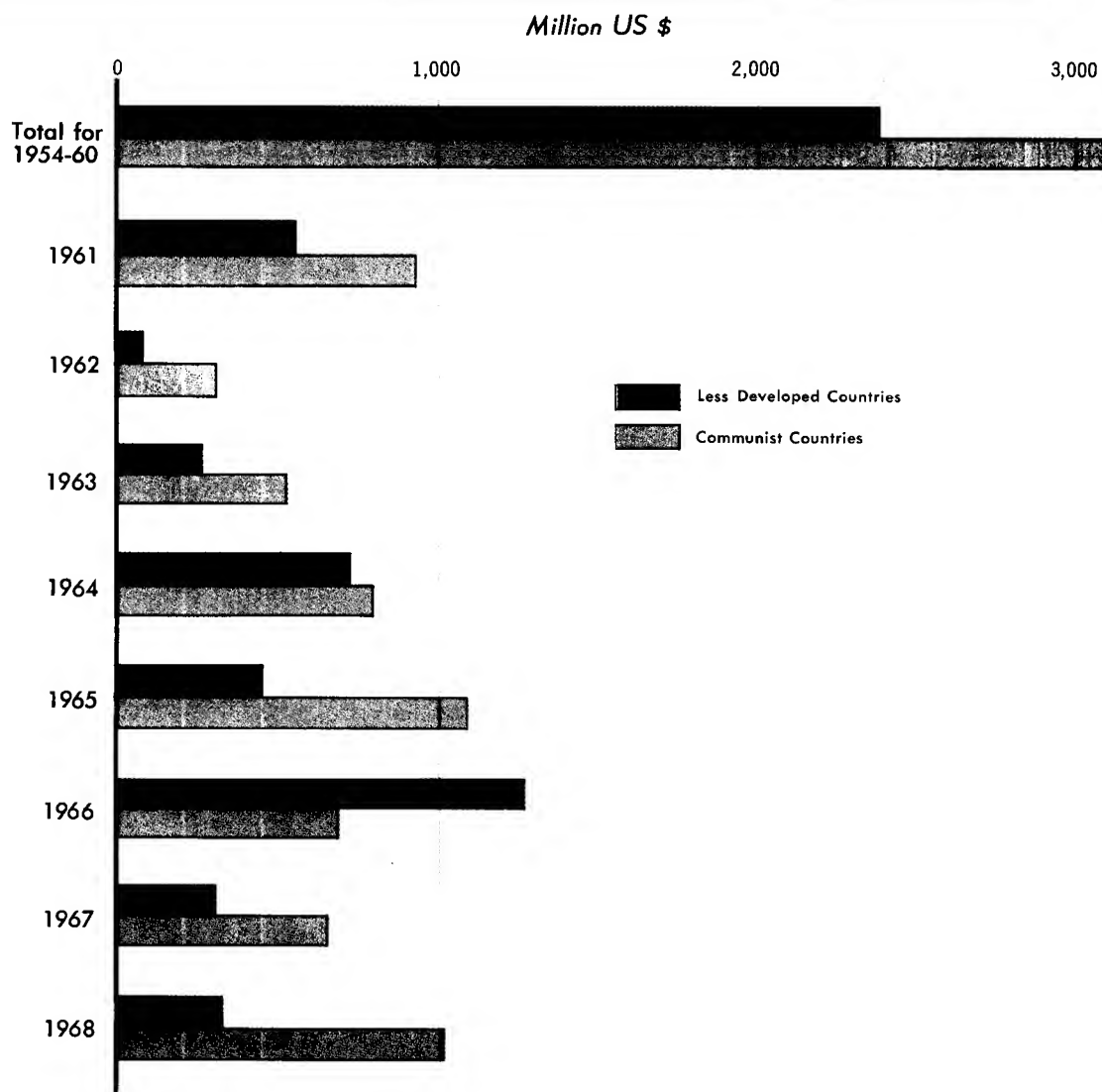
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Figure 10

SOVIET ECONOMIC AID EXTENDED TO LESS DEVELOPED COUNTRIES OF THE FREE WORLD AND COMMUNIST COUNTRIES

Total for 1954-60 and 1961-68

	MILLION US \$									
	Total for 1954-60	1961	1962	1963	1964	1965	1966	1967	1968	Total
Less Developed Countries	2,379	551	76	261	716	447	1,277	290	316	6,313
Communist Countries	3,109†	936	296	519	794	1,085	689	657	1,013	9,099



† Excluding data for Eastern Europe during 1954-55 because war reparations and other assets and privileged arrangements obtained by the USSR from these countries created a heavy net flow of capital toward the USSR during these years.

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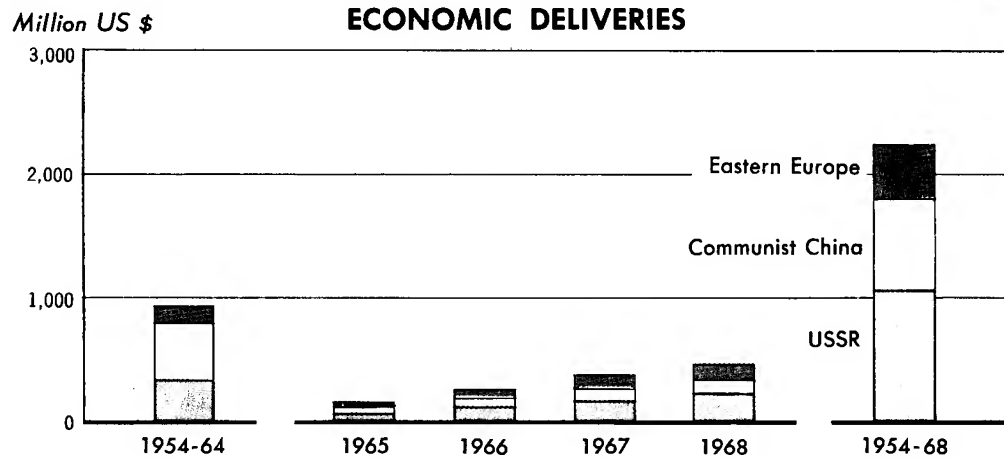


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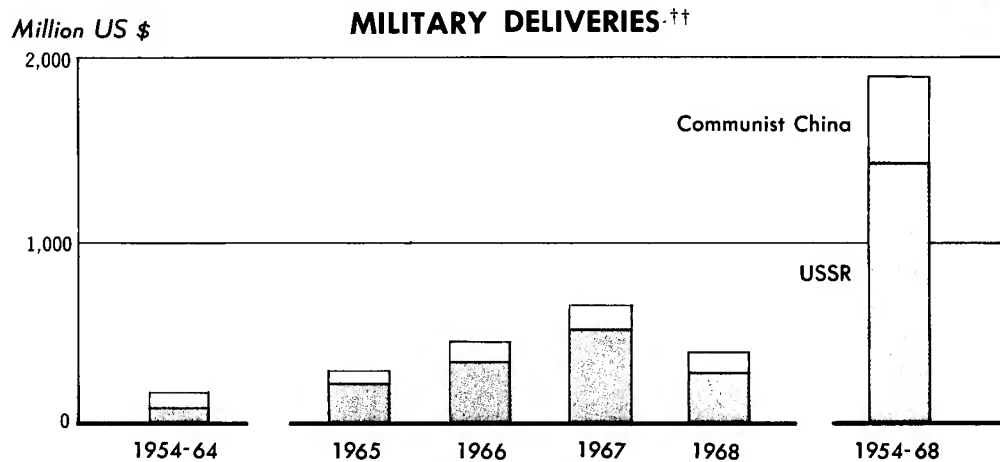
Figure 11

COMMUNIST ECONOMIC AND MILITARY AID DELIVERED TO NORTH VIETNAM†, 1954-68

	MILLION US \$					
	1954-64	1965	1966	1967	1968	1954-68
ECONOMIC DELIVERIES	950	150	275	380	480	2,235
USSR	365	85	150	200	240	1,040
COMMUNIST CHINA	435	50	75	80	100	760
EASTERN EUROPE	130	15	50	100	140	435



	MILLION US \$					
	1954-64	1965	1966	1967	1968	1954-68
MILITARY DELIVERIES††	140	270	455	650	395	1,910
USSR	70	210	360	505	290	1,435
COMMUNIST CHINA	70	60	95	145	100	470
EASTERN EUROPE	Negl.	Negl.	Negl.	Negl.	5	5
NORTH KOREA			Negl.	Negl.	Negl.	Negl.



† Data are expressed in Soviet foreign trade prices.

†† Data refer exclusively to combat materiel; excluding aid designed for war-support purposes.

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Table 59

Soviet Military Aid Delivered ^a to North Vietnam
1965-68

	1965		1966		1967		1968	
	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)
Total value.....		210		360		505		290
SAM missile systems.....		72		77		142		78
Firing battalions ^b	15	66	10	44	5	22	10	44
Replacement missiles ^c	200	6	1,100	33	4,000	120	1,135	34
Aircraft.....	57	17	85	45	20	16	27	24
IL-28 light jet bombers.....	8	3						
MIG-21 jet fighters.....	11	9	26	21	20	16	23	21
MIG-15/17 jet fighters.....	32	4	42	6				
MI-6 helicopters.....			6	12				
MI-4 helicopters.....	3	1	7	1			3	1
U-MIG-15 jet trainers.....	3	Negl.						
AN-24 medium transports.....			3	3				
IL-18 heavy transports.....			1	2			1	2
Naval Craft.....							2	Negl.
Poluchat-1 class motor gunboats.....							2	Negl.
Armor.....	133	5	15	Negl.	123	5		Negl.
T-54 medium tanks.....	30	3			40	3		
T-34 medium tanks.....	25	1						
PT-76 amphibious tanks.....	25	1	5	Negl.	10	1		
BTR-40 armored personnel carriers.....	25	Negl.	10	Negl.	40	1		
BTR-50 armored personnel carriers.....					3	Negl.		
ZSU-57 self-propelled guns.....	8	Negl.						
SU-76 assault guns.....					30	Negl.		Negl.
Other.....	20	Negl.						
Artillery.....	1,430	38	2,830	50	2,330	53	345	6
100-mm antiaircraft artillery.....	100	5	100	5				
85-mm antiaircraft artillery.....	315	12	55	2	465	19	20	1
57-mm antiaircraft artillery.....	485	17	735	25	590	21	55	2
37-mm antiaircraft artillery.....	250	2	1,850	17	850	8	95	1
14.5 mm antiaircraft artillery.....	230	1	50	Negl.	100	Negl.	40	Negl.
Field artillery (76-152-mm).....	50	1	40	1	325	5	135	2
Radar.....	23	2	160	17	89	9	120	12
Trucks and other vehicles.....	650	3	400	2	850	4	430	2
Small arms and other infantry weapons.....		1		3		1		2
Ammunition (metric tons).....	17,000	70	40,000	164	68,000	275	40,000	164

^a Data refer exclusively to combat materiel, excluding aid designed for war-support purposes.^b Price per firing battalion includes an allowance for replacement parts and initial complement of missiles.^c Data based on the estimated number of missiles fired with some provision for stockpiling.

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Table 60

Chinese Communist Military Aid Delivered * to North Vietnam
1965-68

	1965		1966		1967		1968	
	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)	Quantity (Units)	Soviet Foreign Trade Prices (Million US \$)
Total value.....		60		95		145		100
Aircraft.....	8	1	0	0	61	8	0	0
MIG-15/17 jet fighters.....	8	1			61	8		
Naval craft.....	2	2	2	2	6	4	1	1
Shanghai-class fast patrol boats.....	2	2	2	2				
P-6-class motor torpedo boats.....					6	4		
Huchwan-class hydrofoil motor torpedo boat.....							1	1
Armor.....	25	1	0	0	0	0	0	0
T-34 medium tanks.....	25	1						
Artillery.....	320	6	140	4	695	8	180	3
57-mm antiaircraft artillery.....	100	4	100	4	100	4	30	1
37-mm antiaircraft artillery.....	200	2					45	Negl.
14.5-mm antiaircraft artillery.....					120	1	25	Negl.
Field artillery (76-mm).....	20	Negl.	40	Negl.	475	3	80	1
Radar.....	33	3	112	9	67	7	50	5
Trucks and other vehicles.....	600	3	400	2	700	4	400	2
Small arms and other infantry weapons.....		10		35		22		29
Ammunition (metric tons).....	8,000	33	10,000	41	23,000	94	15,000	62

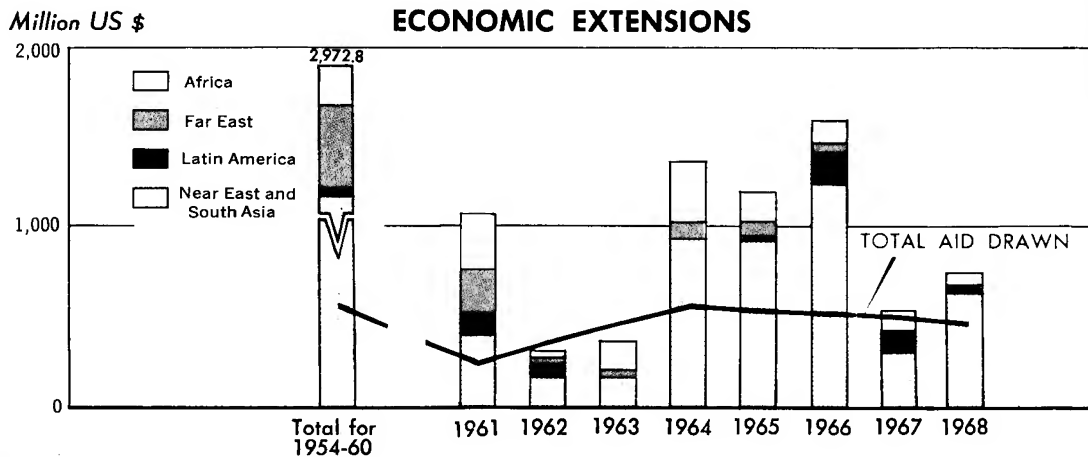
* Data refer exclusively to combat materiel, excluding aid designed for war-support purposes.

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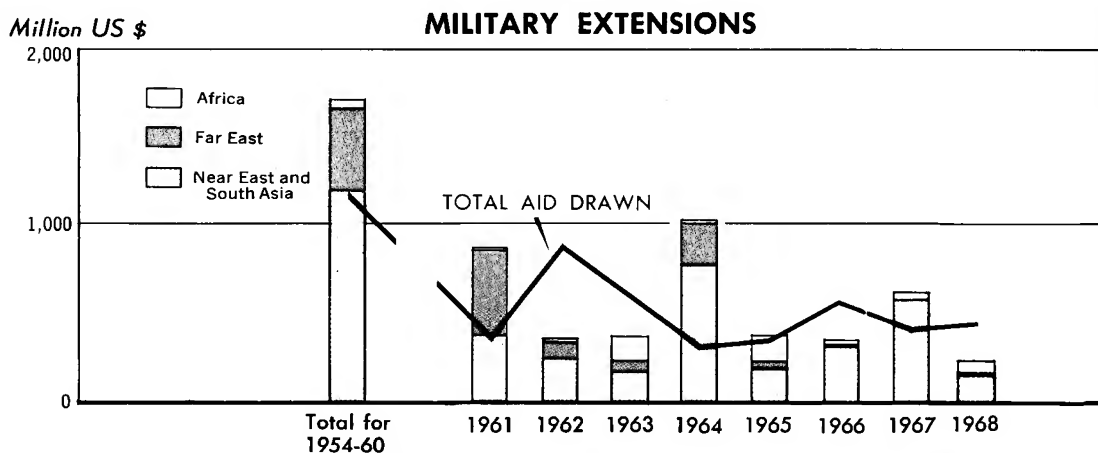
COMMUNIST ECONOMIC AND MILITARY AID TO LESS DEVELOPED COUNTRIES OF THE FREE WORLD EXTENSIONS AND DRAWINGS, BY AREA Total for 1954-60 and 1961-68

Figure 12

	MILLION US \$								
	TOTAL FOR 1954-60	1961	1962	1963	1964	1965	1966	1967	1968
ECONOMIC EXTENSIONS	2,972.8	1,098.1	279.1	367.8	1,357.7	1,202.3	1,602.1	521.3	742.8
AFRICA	277.2	355.7	34.7	184.9	375.1	163.0	122.6	95.5	60.1
FAR EAST	526.9	237.1	16.9	20.4	61.1	82.3	62.5		1.0
LATIN AMERICA	34.2	110.0	70.0			30.0	137.1	116.8	17.5
NEAR EAST AND SOUTH ASIA	2,134.5	395.3	157.5	162.5	921.5	927.0	1,279.9	309.0	664.2
TOTAL AID DRAWN	532.6	237.7	356.5	427.8	556.5	526.1	502.3	492.2	433.0



	MILLION US \$								
	TOTAL FOR 1954-60	1961	1962	1963	1964	1965	1966	1967	1968
MILITARY EXTENSIONS	1,717	847	371	389	1,003	382	344	611	203
AFRICA	24	3	17	142	3	154	11	21	70
FAR EAST	488	459	93	52	226	30	2		6
NEAR EAST AND SOUTH ASIA	1,205	385	261	195	774	198	331	590	127
TOTAL AID DRAWN	1,143	336	848	576	294	339	541	393	401



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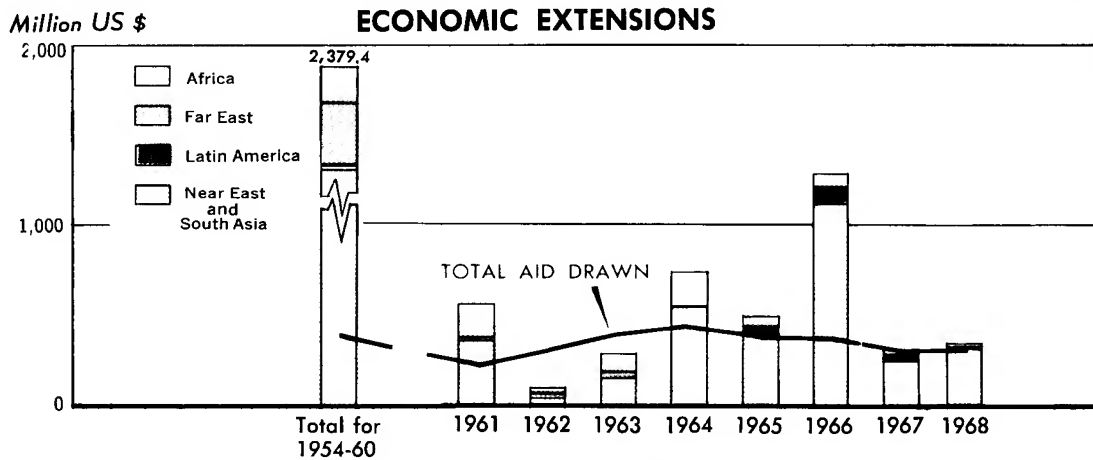
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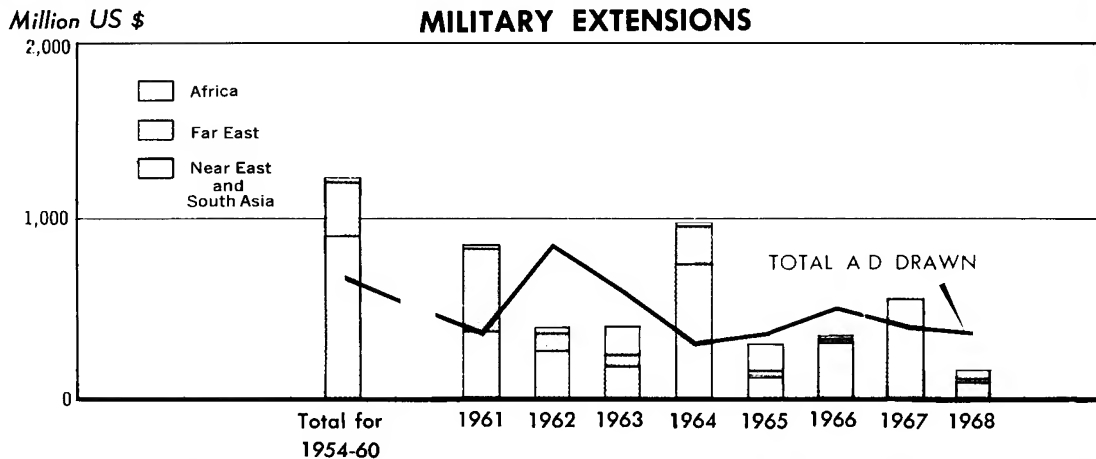
SOVIET ECONOMIC AND MILITARY AID TO LESS DEVELOPED COUNTRIES OF THE FREE WORLD EXTENSIONS AND DRAWINGS, BY AREA Total for 1954-60 and 1961-68

Figure 13

	MILLION US \$								
	TOTAL FOR 1954-60	1961	1962	1963	1964	1965	1966	1967	1968
ECONOMIC EXTENSIONS	2,379.4	551.1	76.3	261.4	715.9	447.2	1,276.6	290.4	316.1
AFRICA	207.7	197.1	24.7	111.8	210.6	53.6	79.0	26.2	5.4
FAR EAST	342.3	3.0	11.5	14.8		3.3	3.5		
LATIN AMERICA	29.0					15.0	95.0	54.8	2.5
NEAR EAST AND SOUTH ASIA	1,800.4	351.0	40.1	134.8	505.3	375.3	1,099.1	209.4	308.2
TOTAL AID DRAWN	362.3	184.4	254.9	346.6	374.8	355.3	326.8	282.8	290.9



	MILLION US \$								
	TOTAL FOR 1954-60	1961	1962	1963	1964	1965	1966	1967	1968
MILITARY EXTENSIONS	1,222	832	371	384	984	283	322	535	153
AFRICA	11	2	17	142	3	152	4		60
FAR EAST	296	445	93	52	208	26	2		6
NEAR EAST AND SOUTH ASIA	915	385	261	190	773	105	316	535	87
TOTAL AID DRAWN	657	322	838	576	286	327	442	372	354

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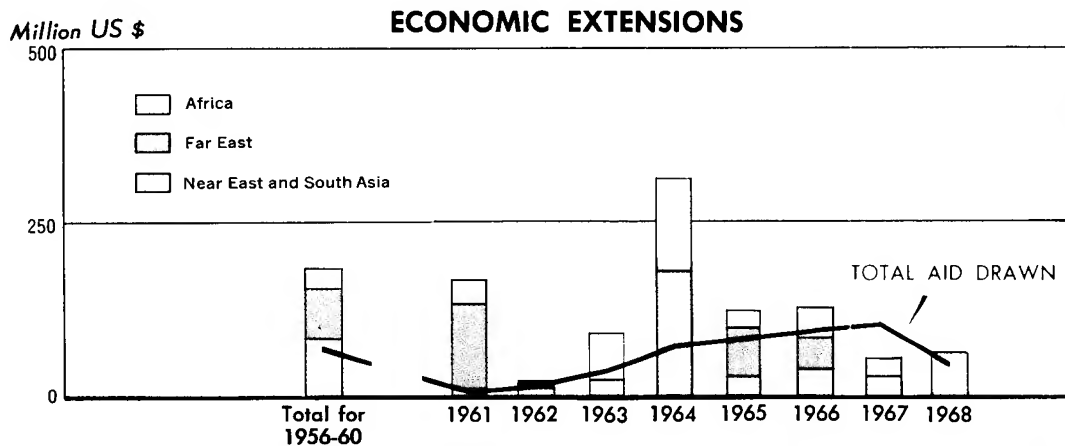
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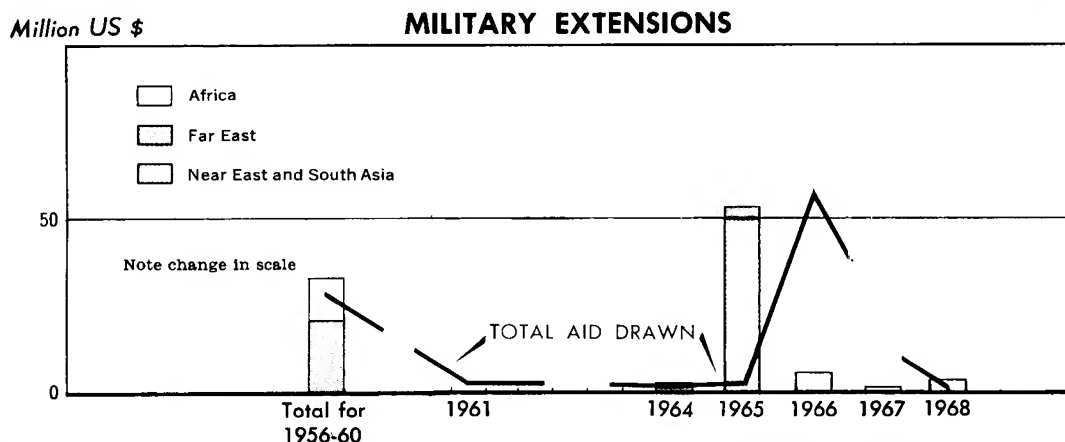
Figure 14

CHINESE COMMUNIST ECONOMIC AND MILITARY AID TO LESS DEVELOPED COUNTRIES OF THE FREE WORLD EXTENSIONS AND DRAWINGS, BY AREA Total for 1956-60 and 1961-68

	MILLION US \$								
	TOTAL FOR 1956-60	1961	1962	1963	1964	1965	1966	1967	1968
ECONOMIC EXTENSIONS	181.3	163.0	16.3	88.1	310.9	118.7	120.0	49.5	56.0
AFRICA	26.5	39.2	1.8	71.6	138.2	24.7	43.5	21.5	
FAR EAST	76.8	114.0	4.0			66.0	42.9		
NEAR EAST AND SOUTH ASIA	78.0	9.8	10.5	16.5	172.7	28.0	33.6	28.0	56.0
TOTAL AID DRAWN	67.8	8.7	12.6	21.6	65.4	79.1	89.1	94.4	41.3



	MILLION US \$								
	TOTAL FOR 1956-60	1961	1962	1963	1964	1965	1966	1967	1968
MILITARY EXTENSIONS	33				4	54	7	1	5
AFRICA	12						7	1	5
FAR EAST	21				4	4			
NEAR EAST AND SOUTH ASIA						50			
TOTAL AID DRAWN	30	3			2	3	56		1

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Table 61

Communist Economic and Military Aid to Less Developed Countries of the Free World, Extensions and Drawings
1954-68

Million US \$

	Total		USSR		Eastern Europe		Communist China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
1954.....	10.8	1.0	5.8	1.0	5.0	0	0	0
1955.....	265.7	55.7	118.4	2.7	147.3	53.0	0	0
1956.....	631.3	283.2	369.3	23.8	205.6	238.5	56.4	20.9
1957.....	532.2	197.9	493.1	171.9	23.3	18.9	15.8	7.1
1958.....	955.6	505.4	618.0	291.9	282.2	197.4	55.4	16.1
1959.....	975.1	261.1	886.8	204.7	82.1	18.3	6.2	38.1
1960.....	1,319.1	371.3	1,110.0	323.3	128.6	32.4	80.5	15.6
1961.....	1,945.1	573.7	1,383.1	506.4	399.0	55.6	163.0	11.7
1962.....	650.1	1,204.5	447.3	1,092.9	186.5	99.0	16.3	12.6
1963.....	756.8	1,003.8	645.4	922.6	23.3	59.6	88.1	21.6
1964.....	2,360.7	850.5	1,699.9	660.8	345.9	122.3	314.9	67.4
1965.....	1,584.3	865.1	730.2	682.3	681.4	100.7	172.7	82.1
1966.....	1,946.1	1,043.3	1,598.6	768.8	220.5	129.4	127.0	145.1
1967.....	1,132.3	885.2	825.4	654.8	256.4	136.0	50.5	94.4
1968.....	945.8	834.0	469.1	644.9	415.7	146.8	61.0	42.3
Total.....	16,011.0	8,935.7	11,400.4	6,952.8	3,402.8	1,407.9	1,207.8	575.0

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Table 62

Communist Economic Aid to Less Developed Countries of the Free World, Extensions and Drawings
1954-68

Million US \$

	Total		USSR		Eastern Europe		Communist China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
1954.....	10.8	1.0	5.8	1.0	5.0	0	0	0
1955.....	150.7	2.7	118.4	2.7	32.3	0	0	0
1956.....	345.3	37.2	252.3	8.8	36.6	7.5	56.4	20.9
1957.....	294.2	61.9	255.1	35.9	23.3	18.9	15.8	7.1
1958.....	482.6	128.4	337.0	96.9	111.2	26.4	34.4	5.1
1959.....	939.1	152.1	856.8	109.7	81.1	17.3	1.2	25.1
1960.....	750.1	149.3	554.0	107.3	122.6	32.4	73.5	9.6
1961.....	1,098.1	237.7	551.1	184.4	384.0	44.6	163.0	8.7
1962.....	279.1	356.5	76.3	254.9	186.5	89.0	16.3	12.6
1963.....	367.8	427.8	261.4	346.6	18.3	59.6	88.1	21.6
1964.....	1,357.7	556.5	715.9	374.8	330.9	116.3	310.9	65.4
1965.....	1,202.3	526.1	447.2	355.3	636.4	91.7	118.7	79.1
1966.....	1,602.1	502.3	1,276.6	326.8	205.5	86.4	120.0	89.1
1967.....	521.3	492.2	290.4	282.8	181.4	115.0	49.5	94.4
1968.....	742.8	433.0	316.1	290.9	370.7	100.8	56.0	41.3
Total.....	10,144.0	4,064.7	6,314.4	2,778.8	2,725.8	805.9	1,103.8	480.0

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Table 63

Communist Military Aid to Less Developed Countries of the Free World, Extensions and Drawings
1955-68

Million US \$

	Total		USSR		Eastern Europe		Communist China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
1955.....	115	53	.....	.....	115	53	.....	.....
1956.....	286	246	117	15	169	231	.....	.....
1957.....	238	136	238	136	.....	.....	.....	.....
1958.....	473	377	281	195	171	171	21	11
1959.....	36	109	30	95	1	1	5	13
1960.....	569	222	556	216	6	.....	7	6
1961.....	847	336	832	322	15	11	.....	3
1962.....	371	848	371	838	.....	10	.....	.....
1963.....	389	576	384	576	5	.....	.....	.....
1964.....	1,003	294	984	286	15	6	4	2
1965.....	382	339	283	327	45	9	54	3
1966.....	344	541	322	442	15	43	7	56
1967.....	611	393	535	372	75	21	1
1968.....	203	401	153	354	45	46	5	1
Total.....	5,867	4,871	5,086	4,174	677	602	104	95

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Table 64

Communist Economic and Military Aid Extended to Less Developed Countries of the Free World, by Recipient and Donor
Total for 1955-60 and 1961-68

Million US \$											Per- cent
	Total for 1955-60	1961	1962	1963	1964	1965	1966	1967	1968	Total	
Africa.....	301.2	358.7	51.7	326.9	378.1	317.0	133.6	116.5	130.1	2,113.8	13.2
Algeria											
USSR and Eastern Europe.....		1.0	5.0	207.0	151.9	135.0	1.1			501.0	3.1
Communist China.....	12.0		1.8	50.0		0.2				64.0	0.4
Ghana											
USSR and Eastern Europe.....	46.8	130.1	6.0		3.0	21.2				207.1	1.3
Communist China.....		19.6			22.4					42.0	0.3
Guinea											
USSR and Eastern Europe.....	89.3	3.0	13.0			20.0	2.7	16.7	3.5	148.2	0.9
Communist China.....	26.5						32.2		1.0	59.7	0.4
Mali											
USSR and Eastern Europe.....		67.0	13.1	4.0		2.2	3.2			89.5	0.6
Communist China.....		19.6			22.4	8.0	3.0			53.0	0.3
Sudan											
USSR and Eastern Europe.....		23.0				10.0		46.8	55.0	134.8	0.8
Somalia											
USSR and Eastern Europe.....		57.2		35.0		0.9	8.5			101.6	0.6
Communist China.....				21.6		1.5	0.2			23.3	0.1
Other											
USSR and Eastern Europe.....	126.6	38.2	12.8	9.3	85.0	103.0	67.6	30.5	66.6	539.6	3.4
Communist China.....					93.4	15.0	15.1	22.5	4.0	150.0	1.0
Far East.....	1,014.9	696.1	109.9	72.4	287.1	112.3	64.5	0	7.0	2,364.2	14.8
Indonesia											
USSR and Eastern Europe.....	902.8	574.5	93.0	56.6	280.1	32.3				1,939.3	12.1
Communist China.....	48.4	30.0				66.0				144.4	0.9
Burma											
USSR and Eastern Europe.....	7.2	0.1	5.3	2.6		10.0	16.1		1.0	42.3	0.3
Communist China.....		84.0								84.0	0.5
Cambodia											
USSR and Eastern Europe.....	7.1	7.5		13.2	3.0		5.5		6.0	42.3	0.3
Communist China.....	49.4				4.0	4.0	42.9			100.3	0.6
Other											
USSR and Eastern Europe.....			7.6							7.6	Negl.
Communist China.....			4.0							4.0	Negl.
Latin America.....	34.2	110.0	70.0	0	0	30.0	137.1	116.8	17.5	515.6	3.2
Brazil											
USSR and Eastern Europe.....	1.5	110.0	70.0				137.1	17.0		335.6	2.1
Other											
USSR and Eastern Europe.....	32.7					30.0		99.8	17.5	180.0	1.1

Near East and South Asia.....	3,339.5	780.3	418.5	357.5	1,695.5	1,125.0	1,610.9	899.0	791.2	11,017.4	68.8
United Arab Republic											
USSR and Eastern Europe.....	1,172.6	287.3	224.4	145.9	753.7	280.4	14.0	197.6	.....	3,075.9	19.2
Communist China.....	4.7	.....	.....	.....	80.0	.....	.....	21.0	.....	105.7	0.7
India											
USSR and Eastern Europe.....	821.9	142.9	63.5	60.0	368.0	366.5	726.7	25.0	50.0	2,624.5	16.4
Afghanistan											
USSR and Eastern Europe.....	375.1	197.3	35.9	51.5	136.2	14.1	15.6	115.0	126.7	1,067.4	6.7
Communist China.....	.....	.....	.....	.....	.....	28.0	.....	.....	.....	28.0	0.2
Iran											
USSR and Eastern Europe.....	6.1	.....	.....	39.8	16.7	125.0	305.5	120.0	452.8	1,065.9	6.6
Iraq											
USSR and Eastern Europe.....	411.5	113.0	1.4	.....	41.0	20.0	181.0	118.4	41.0	927.3	5.8
Syria											
USSR and Eastern Europe.....	367.7	.....	60.0	5.0	40.2	56.1	216.8	85.0	50.0	880.8	5.5
Communist China.....	.....	.....	16.3	.....	.....	.....	.....	.....	.....	16.3	0.1
Pakistan											
USSR and Eastern Europe.....	3.2	30.0	.....	.....	39.0	50.0	113.2	.....	3.7	239.1	1.5
Communist China.....	.....	.....	.....	.....	60.0	50.0	.....	7.0	42.0	159.0	1.0
Yemen											
USSR and Eastern Europe.....	47.8	.....	20.0	30.0	89.5	8.3	3.5	10.0	5.0	214.1	1.3
Communist China.....	13.4	.....	.....	0.2	28.5	.....	14.0	.....	.....	56.1	0.3
Turkey											
USSR and Eastern Europe.....	18.1	.....	.....	0.8	.....	.....	.....	200.0	.....	218.9	1.4
Ceylon											
USSR and Eastern Europe.....	30.0	.....	.....	8.0	.....	42.6	.....	.....	.....	80.6	0.5
Communist China.....	26.3	.....	10.5	.....	4.2	.....	.....	.....	.....	41.0	0.2
Other											
USSR and Eastern Europe.....	7.5	.....	2.8	.....	38.5	84.0	1.0	.....	6.0	139.8	0.9
Communist China.....	33.6	9.8	.....	.....	.....	.....	19.6	.....	14.0	77.0	0.5
Total.....	4,689.8	1,945.1	650.1	756.8	2,360.7	1,584.3	1,946.1	1,132.3	945.8	16,011.0	100.0
USSR and Eastern Europe.....	4,475.5	1,782.1	633.8	668.7	2,045.8	1,411.6	1,819.1	1,088.8	884.8	14,810.2	92.5
Communist China.....	214.3	163.0	16.3	88.1	314.9	172.7	127.0	43.5	61.0	1,200.8	7.5

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Table 65

Communist Economic Aid to Less Developed Countries of the Free World, by Recipient and Donor
Total for 1955-60 and 1961-68

Million US \$											
	Total for 1955-60	1961	1962	1963	1964	1965	1966	1967	1968	Total	Per- cent
Africa.....	277.2	355.7	34.7	184.9	375.1	163.0	122.6	95.5	60.1	1,668.8	16.5
Algeria											
USSR and Eastern Europe.....			2.0	100.0	151.9		1.1			255.0	2.5
Communist China.....			1.8	50.0		0.2				52.0	0.5
Ghana											
USSR and Eastern Europe.....	46.8	130.1				20.2				197.1	1.9
Communist China.....		19.6			22.4					42.0	0.4
Guinea											
USSR and Eastern Europe.....	80.3	3.0	13.0			18.0	2.7	16.7	3.5	137.2	1.4
Communist China.....	26.5						32.2			58.7	0.6
Mali											
USSR and Eastern Europe.....		65.0	13.1	4.0		0.2	3.2			85.5	0.8
Communist China.....		19.6			22.4	8.0	3.0			53.0	0.5
Ethiopia											
USSR and Eastern Europe.....	113.6					5.2				118.8	1.2
Tunisia											
USSR and Eastern Europe.....	10.0	37.8		1.5	6.3			1.6	51.2	108.4	1.1
Other											
USSR and Eastern Europe.....		80.6	4.8	7.8	78.7	94.7	72.1	55.7	5.4	399.8	4.0
Communist China.....				21.6	93.4	16.5	8.3	21.5		161.3	1.6
Far East.....	526.9	237.1	16.9	20.4	61.1	82.3	62.5		1.0	1,008.2	9.9
Indonesia											
USSR and Eastern Europe.....	435.8	115.5		5.6	61.1	6.3				624.3	6.2
Communist China.....	27.4	30.0				66.0				123.4	1.2
Burma											
USSR and Eastern Europe.....	7.2	0.1	5.3	2.6		10.0	16.1		1.0	42.3	0.4
Communist China.....		84.0								84.0	0.8
Cambodia											
USSR and Eastern Europe.....	7.1	7.5		12.2			3.5			30.3	0.3
Communist China.....	49.4						42.9			92.3	0.9
Other											
USSR and Eastern Europe.....			7.6							7.6	0.1
Communist China.....			4.0							4.0	Negl.
Latin America.....	34.2	110.0	70.0			30.0	137.1	116.8	17.5	515.6	5.1
Brazil											
USSR and Eastern Europe.....	1.5	110.0	70.0				137.1	17.0		335.6	3.3
Argentina											
USSR and Eastern Europe.....	32.7					30.0		30.0	5.0	97.7	1.0
Other											
USSR and Eastern Europe.....								69.8	12.5	82.3	0.8

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Near East and South Asia.....	2,134.5 *	395.3	157.5	162.5	921.5	927.0	1,279.9	309.0	664.2	6,951.4	68.5
India											
USSR and Eastern Europe.....	808.9	140.9	32.5		84.0	248.5	626.7	25.0		1,966.5	19.4
United Arab Republic											
USSR and Eastern Europe.....	592.6	17.3	74.4	45.9	503.7	255.4		22.6		1,511.9	14.9
Communist China.....	4.7				80.0			21.0		105.7	1.0
Iran											
USSR and Eastern Europe.....	6.1			39.8	16.7	125.0	305.5	10.0	452.8	955.9	9.4
Afghanistan											
USSR and Eastern Europe.....	261.1 *	197.3	35.9	51.5	11.2	14.1	5.6	5.0	126.7	708.4	7.0
Communist China.....						28.0				28.0	0.3
Syria											
USSR and Eastern Europe.....	125.7				5.2	51.1	191.8		25.0	398.8	3.9
Communist China.....				16.3						16.3	0.2
Pakistan											
USSR and Eastern Europe.....	3.2	30.0			39.0	50.0	113.2		3.7	239.1	2.4
Communist China.....					60.0			7.0	42.0	109.0	1.1
Iraq											
USSR and Eastern Europe.....	182.5		1.4			20.0		18.4		222.3	2.2
Turkey											
USSR and Eastern Europe.....	18.1			0.8				200.0		218.9	2.1
Yemen											
USSR and Eastern Europe.....	20.8				78.5	8.3	3.5			111.1	1.1
Communist China.....	13.4			0.2	28.5		14.0			56.1	0.5
Ceylon											
USSR and Eastern Europe.....	30.0			8.0		42.6				80.6	0.8
Communist China.....	26.3		10.5		4.2					41.0	0.4
Other											
USSR and Eastern Europe.....	7.5		2.8		10.5	84.0				104.8	1.0
Communist China.....	33.6	9.8					19.6		14.0	77.0	0.8
Total	2,972.8 *	1,098.1	279.1	367.8	1,357.7	1,202.3	1,602.1	521.3	742.8	10,144.0	100.0
USSR and Eastern Europe.....	2,791.5 *	935.1	262.8	279.7	1,046.8	1,083.6	1,482.1	471.8	686.8	9,040.2	89.1
Communist China.....	181.3	163.0	16.3	88.1	310.9	118.7	120.0	49.5	56.0	1,103.8	10.9

* Including \$10.8 million extended to Afghanistan during 1954.

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Table 66

Communist Military Aid Extended to Less Developed Countries of the Free World, by Recipient and Donor
Total for 1955-60 and 1961-68

	Million US \$										Per- cent
	Total for 1955-60	1961	1962	1963	1964	1965	1966	1967	1968	Total	
Africa.....	24	3	17	142	3	154	11	21	70	445	7.6
Algeria											
USSR and Eastern Europe.....		1	3	107		135				246	4.2
Communist China.....	12									12	0.2
Sudan											
USSR and Eastern Europe.....									55	55	0.9
Other											
USSR and Eastern Europe.....	12	2	14	35	3	19	4	20	10	119	2.1
Communist China.....							7	1	5	13	0.2
Far East.....	488	459	93	52	226	30	2		6	1,356	23.1
Indonesia											
USSR and Eastern Europe.....	467	459	93	51	219	26				1,315	22.4
Communist China.....	21									21	0.4
Other											
USSR and Eastern Europe.....				1	3		2		6	12	0.2
Communist China.....					4	4				8	0.1
Near East and South Asia.....	1,205	385	261	195	774	198	331	590	127	4,066	69.3
United Arab Republic											
USSR and Eastern Europe.....	580	270	150	100	250	25	14	175		1,564	26.7
Iraq											
USSR and Eastern Europe.....	229	113			41		181	100	41	705	12.0
India											
USSR and Eastern Europe.....	13	2	31	60	284	118	100		50	658	11.2
Syria											
USSR and Eastern Europe.....	242		60	5	35	5	25	85	25	482	8.2
Afghanistan											
USSR and Eastern Europe.....	114				125		10	110		359	6.1
Iran											
USSR and Eastern Europe.....								110		110	1.9
Yemen											
USSR and Eastern Europe.....	27		20	30	11			10	5	103	1.8
Pakistan											
Communist China.....						50				50	0.8
Other											
USSR and Eastern Europe.....					28		1		6	35	0.6
Total.....	1,717	847	371	389	1,003	382	344	611	203	5,867	100.0
USSR and Eastern Europe.....	1,684	847	371	389	999	328	337	610	198	5,763	98.2
Communist China.....	33				4	54	7	1	5	104	1.8

Table 67

Communist Major Deliveries of Land Armaments and Naval Ships to Less Developed Countries of the Free World, by Recipient ^a
September 1955–December 1968

	Land Armaments ^b					Naval Ships						
	Medium Tanks	Light Tanks ^c	Self- Propelled Assault Guns	Personnel Carriers ^d	Artillery Pieces	Light Cruisers	De- stroyers	Sub- marines	Mine- sweepers	Sub- marine Chasers	Motor Torpedo and Missile Boats	Other ^e
Africa												
Algeria.....	357	.....	101	492	906	.....	.....	.....	2	6	21	3
Congo (Brazzaville).....	.....	.....	.....	19	25	.....	.....	.....	.....	.....	.....	.....
Ghana.....	.....	.....	10	24	30	.....	.....	.....	.....	.....	.....	4
Guinea.....	10	11	5	29	79	.....	.....	.....	.....	.....	2	9
Mali.....	12	.....	.....	97	82	.....	.....	.....	.....	.....	.....	.....
Morocco.....	122	.....	30	80	100	.....	.....	.....	.....	.....	.....	.....
Nigeria.....	.....	.....	.....	3	10	.....	.....	.....	.....	.....	.....	3
Somalia.....	105	.....	.....	176	387	.....	.....	.....	.....	.....	.....	8
Tanzania.....	.....	14	.....	40	50	.....	.....	.....	1	.....	.....	14
Uganda.....	.....	.....	.....	12	24	.....	.....	.....	.....	.....	.....	.....
Far East												
Cambodia.....	.....	.....	.....	22	188	.....	.....	.....	.....	.....	.....	3
Indonesia.....	.....	155	.....	400	500	1	16	12	6	16	28	115
Near East and South Asia												
Afghanistan.....	382	.....	18	224	717	.....	.....	.....	.....	.....	.....	.....
Cyprus.....	32	.....	.....	32	32	.....	.....	.....	.....	.....	6	.....
India.....	359	176	.....	3	167	.....	.....	1	.....	2	.....	7
Iran.....	.....	.....	.....	300	214	.....	.....	.....	.....	.....	.....	.....
Iraq.....	550	.....	150	700	1,035	.....	.....	.....	.....	3	12	7
Pakistan.....	200	.....	.....	.....	35	.....	.....	.....	.....	.....	.....	.....
Syria.....	540	33	140	575	975	.....	.....	.....	2	.....	22	.....
United Arab Republic..	1,460 ^f	87	215	1,090	1,800	.....	6 ^g	16 ^h	8	12	56	23
Yemen.....	135	.....	65	155	460	.....	.....	.....	.....	.....	2	3

^a Data do not reflect attrition or equipment originating in Communist countries but delivered by non-Communist countries—except in the case of Cyprus and the United Arab Republic.

^b Other token deliveries of military equipment have been made by Communist countries to Burma, Laos, Nepal, and Sudan.

^c Amphibious.

^d Armored and amphibious.

^e Including auxiliary vessels and landing craft.

^f Including 60 heavy and 1,400 medium tanks.

^g Including two old destroyers returned to the USSR for newer models.

^h Including five old submarines returned to the USSR for newer models.

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Table 68

Communist Major Deliveries of Aircraft and Guided Missile Systems to Less Developed Countries
of the Free World, by Recipient ^a
September 1955–December 1968

	Aircraft					Guided Missile Systems ^b				
	Medium Jet Bombers	Light Jet Bombers	Jet Fighters	Heavy Trans- ports	Other ^c	Air-to- Surface ^d	Air-to- Air ^e	Surface- to-Air ^f	Surface- to-Surface ^g	Anti- tank ^h
Africa										
Algeria.....		32	110	7	64	.....	22	ⁱ	9	.....
Congo (Brazzaville).....					3	.....			
Ghana.....					5	.....			
Guinea.....			2		23	.....			
Mali.....			3		18	.....			
Morocco.....			12		5	.....			
Nigeria.....			24		10	.....			
Somalia.....			19		3	.....	3			
Tanzania.....					1	.....			
Uganda.....			5		8	.....			
Far East										
Cambodia.....			14		15	.....			
Indonesia.....	26	28	112	6	258	12	26	8	12	.....
Near East and South Asia										
Afghanistan.....		35	167	1	96	.....	42	1		24
Cyprus.....						.....		^j		
India.....			107 ^k	40	148	.....	50	17		
Iraq.....	10	15	190	11	132	.....	82	^l		28
Pakistan.....		12	78		8	.....			
Syria.....		6	198		99	.....	70		4	
United Arab Republic.....	50	72	665	25	418	6	196	34	20	50
Yemen.....		8	18		55	.....			

^a Data do not reflect attrition or equipment originating in Communist countries but delivered by non-Communist countries—except in the case of Cyprus, the United Arab Republic, and the SAM battalion mentioned in footnote 1 below.

^b Data reflect numbers of aircraft, ships, sites, and vehicles having missile capability.

^c Including nonjet combat aircraft, trainers, transports, and helicopters.

^d Number of TU-16 aircraft equipped with ASM's (two per aircraft).

^e Number of fighter aircraft equipped with AAM's (two to four per aircraft).

^f Number of SAM firing battalions, or sites (six launchers per site, four missiles per launcher).

^g Ship launched. These data constitute the number of Komar- and Osa-class ships equipped with SSM's (two to four per ship).

^h Number of vehicles used as launchers (three missiles per vehicle).

ⁱ An undetermined number of SAM's have been received.

^j SAM support equipment has been received, but no missiles have been delivered.

^k Excluding those fighters assembled at the assembly plant at Nasik.

^l Equipment for one SAM firing battalion originally delivered has been resold to the United Arab Republic.

Table 69

Communist Major Military Equipment Delivered to Less Developed Countries of the Free World, by Recipient
1968

	Land Armaments				Naval Ships				Aircraft		Guided Missile Systems ^a	
	Tanks	Self-Propelled Assault Guns	Personnel Carriers ^b	Artillery Pieces	De-destroyers and Submarine	Mine-sweepers and Submarine Chasers	Motor Torpedo and Missile Boats	Other	Jet Fighters	Heavy Trans-ports and Other	Air-to-Air ^c	Surface-to-Air ^d
Africa												
Algeria.....	14 ^e		57	5		2 ^f	6		2	1	2	
Congo (Brazzaville).....										1		
Morocco.....	39 ^e	30	6						16			
Nigeria.....									8			
Somalia.....	25 ^e		6	30								
Tanzania.....	14 ^e							4				
Uganda.....			12						5	2		
Far East												
Cambodia.....			16	37						1		
Near East and South Asia												
Afghanistan.....	32 ^e		117						10	2	10	1
India.....					1 ^h	2 ⁱ			53	4		
Iran.....			280	190								
Iraq.....	30 ^e	30	200	235					52	46 ^j	36	
Pakistan.....										3		
Syria.....	15 ^e	50	75	150					33	22	27	
United Arab Republic..	62 ^k		40	200	3 ^l		1	4	51 ^m	72		
Yemen.....									6			

^a Data reflect numbers of aircraft and sites having missile capability.^b Armored and amphibious.^c Number of fighter aircraft equipped with AAM's (two to four per aircraft).^d Number of SAM firing battalions, or sites (six launchers per site, four missiles per launcher).^e Medium tanks.^f Minesweepers.^g Light amphibious tanks.^h F-class submarine.ⁱ Submarine chasers.^j Including three heavy transports.^k Including 50 medium and 12 light tanks.^l Including two Skory-class destroyers and one R-class submarine.^m Including 18 jet bombers and 33 jet fighters.25X1
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Table 70

Academic, Technical, and Military Trainees * Departing from Less Developed Countries of the Free World for Training
in Communist Countries, by Area of Destination
Total for 1956-60 and 1961-68

	Total for 1956-60 ^b	1961	1962	1963	1964	1965	1966	1967	1968
Total trainees.....	12,740	7,775	10,750	9,110	8,315	6,635	4,920	4,545	5,175
USSR and Eastern Europe.....	12,065	7,595	10,570	9,010	8,125	6,505	4,730	4,430	5,170
Communist China.....	675	180	180	100	190	130	190	115	5
Academic trainees ^c	4,805	3,185	5,725	4,145	3,345	2,405	2,075	2,095	2,205
USSR and Eastern Europe ^c	4,585	3,090	5,555	4,070	3,265	2,345	2,075	2,095	2,205
Communist China.....	220	95	170	75	80	60	0	0	0
Technical trainees ^c	3,325	1,115	1,010	1,420	2,590	1,500	1,285	1,245	1,455
USSR and Eastern Europe ^c	2,870	1,030	1,000	1,395	2,565	1,465	1,205	1,220	1,450
Communist China.....	455	85	10	25	25	35	80	25	5
Military trainees.....	4,610	3,475	4,015	3,545	2,380 ^d	2,730	1,560	1,205	1,515
USSR and Eastern Europe.....	4,610	3,475	4,015	3,545	2,295	2,695	1,450	1,115	1,515
Communist China.....	0	0	0	0	85 ^d	35	110	90	0

* Rounded to the nearest five persons. Data are for persons departing for training and not necessarily those completing training.

^b Data for military trainees are for 1955-60.

^c Excluding 1,035 academic and 140 technical trainees that cannot be distributed to any given year because of inadequate information.

^d Including 15 persons sent to North Korea for military training.

Table 71

Military Personnel from Less Developed Countries Trained in Communist Countries ^a
1967-68

	Departures to Communist Countries				Being Trained, December 1968						
	1967		1968 ^b								
	Total	USSR	Eastern Europe	Communist China	Total	USSR	Eastern Europe	Total	USSR	Eastern Europe	Communist China
Total.....	1,205	1,035	80	90	1,515	1,505	10	3,840	3,585	195	60
Africa.....	430	340	0	90	520	510	10	1,970	1,840	70	60
Algeria.....	170	170			270	270		1,015	1,015		
Congo (Brazzaville).....	65	65						135	135		
Guinea.....	100	100			40	40		285	285		
Mali.....								15	5	10	
Morocco.....					10		10	40		40	
Somalia.....	5	5			60	60		260	260		
Sudan.....					105	105		105	105		
Tanzania.....	90			90	35	35		95	35		60
Uganda.....								20		20	
Far East.....	0	0	0	0	0	0	0	110	90	20	0
Indonesia.....								110	90	20	
Near East and South Asia.....	775	695	80	0	995	995	0	1,760	1,655	105	0
Afghanistan.....	110	110			20	20		355	350	5	
India.....	315	315			160	160		485	485		
Iran.....					25	25					
Iraq.....	75	25	50		205	205		300	250	50	
Pakistan.....					35	35		35	35		
Syria.....	25	25			140	140		235	215	20	
United Arab Republic....	155	125	30		410	410		220	190	30	
Yemen.....	95	95						130	130		

^a Rounded to the nearest five persons. Data refer to the number of persons departing for or in training but not necessarily completing training.

^b No personnel departed for training in Communist China during 1968.

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Table 72

Communist Nonmilitary and Military Technicians * in Less Developed Countries of the Free World, by Country
1968

	Nonmilitary Technicians				Military Technicians		
	Total	USSR	Eastern Europe	Communist China	Total	USSR and Eastern Europe	Communist China
Total.....	20,295	9,440	7,265	3,590	7,200	6,870	330
Africa.....	11,105	3,355	5,105	2,645	2,140	1,945	195
Algeria.....	2,530	1,700	730	100	1,200	1,200	
Chad.....	15	15					
Congo (Brazzaville).....	335	200	15	120	35	10	25
Ethiopia.....	240	160	80				
Ghana.....	80		80				
Guinea.....	920	350	270	300	65	65	
Kenya.....	35	25	10				
Libya.....	1,900		1,900				
Mali.....	1,330	350	100	880 ^b	145	105	40
Mauritania.....	90			90			
Morocco.....	260	80	180		20	20	
Nigeria.....	105	10	95		190	190	
Sierra Leone.....	15	15					
Somalia.....	160	100	10	50	250	250	
Sudan.....	125	55	70		15	15	
Tanzania.....	950	35	115	800 ^c	165	35	130
Tunisia.....	1,640	210	1,430				
Uganda.....	20	15		5	55	55	
Zambia.....	335	20	15	300			
Other.....	20	15	5				
Far East.....	340	160	50	130	95	95	0
Burma.....	30	30					
Cambodia.....	255	100	25	130			
Indonesia.....	55	30	25		95	95	
Latin America.....	90	30	60	0	0	0	0
Argentina.....	5		5				
Brazil.....	35	10	25				
Chile.....	20	15	5				
Colombia.....	10		10				
Mexico.....	10	5	5				
Uruguay.....	10		10				
Near East and South Asia.....	8,760	5,895	2,050	815	4,965	4,830	135
Afghanistan.....	1,110	900	80	130	450	450	
Cambodia.....					50	40	10
Ceylon.....	95	60	35				
India.....	1,430	1,100	330		415	415	
Iran.....	1,185	900	285		15	15	
Iraq.....	1,040	500	540		200	200	
Kuwait.....	35	15	20				
Nepal.....	600	80		520			
Pakistan.....	165	150	5	10	125		125
South Yemen.....	15		15		10	10	
Syria.....	860	650	200	10	1,100	1,100	
Turkey.....	40	40					
United Arab Republic.....	1,780	1,350 ^d	405	25	2,500	2,500	
Yemen.....	405	150	135	120	100	100	

* Rounded to the nearest five persons. Data are minimum estimates of the number of persons present for a period of one month or more. Persons engaged solely in commercial activities are excluded.

^b Including 30 North Vietnamese and 50 North Korean personnel.

^c Including five North Koreans.

^d The number was reduced to 1,100 by the end of 1968 with the departure of 250 Soviet technicians from the Aswan Dam.

SECRET

CHEMICALS

Table 73

Production of Sulfuric Acid •
1955, 1960, and 1963-68

Thousand Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	25,900*	31,000*	35,000*	38,200*	41,000*	44,900*	46,100*	46,700*
US ^c	14,746*	16,223*	18,993*	20,796*	22,544*	25,750*	26,141*	25,743*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	5,480*	7,890*	10,300*	11,500*	12,800*	13,900*	14,400*	15,200*
USSR.....	3,798*	5,398*	6,885*	7,647*	8,518*	9,367*	9,737*	10,166*
Eastern Europe.....	1,680*	2,500*	3,430*	3,880*	4,230*	4,480*	4,700*	5,050*
Bulgaria.....	19*	123*	269*	291*	318*	353*	360*	471*
Czechoslovakia.....	383*	553*	725*	893*	933*	982*	1,012*	966*
East Germany.....	592*	730*	919*	937*	985*	973*	988*	1,080*
Hungary ^d	144*	178*	283*	340*	394*	418*	450*	446*
Poland.....	450*	685*	888*	1,001*	1,062*	1,139*	1,213*	1,315*
Rumania.....	92*	226*	343*	417*	541*	619*	679*	773*
Far East								
Communist China.....	375*	1,350*	1,500	2,000	2,200	2,300	N.A.	N.A.
North Korea.....	28*	255*	321*	N.A.	N.A.	N.A.	N.A.	N.A.
North Vietnam.....	0*	0	28	36	N.A.	N.A.	N.A.	N.A.
Other								
Albania.....	0	0	0	0	0	2	N.A.	N.A.
Cuba.....	27	44	133	197	202	230	230	N.A.
Yugoslavia.....	73*	130*	391*	472*	435*	542*	592*	589*

Other NATO Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Belgium....	1,143*	1,423*	1,715*	Greece.....	118*	81*	151* ^f	Portugal.....	228*	320*	441*
Canada....	862*	1,517*	2,582*	Italy.....	1,943*	2,299*	3,312*	Turkey.....	18*	23*	28* ^g
Denmark....	172*	198*	239* ^e	Netherlands..	679*	860*	1,380*	UK.....	2,131*	2,772*	3,336*
France.....	1,472*	2,046*	3,348*	Norway.....	78*	100*	262*	West Germany..	2,279*	3,170*	4,200* ^h

* An asterisk indicates that the data are unclassified.

• Pure (monohydrate) sulfuric acid (100 percent H₂SO₄).^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including appreciable amounts produced in government-owned privately operated plants.^d Including oleum for all years except 1968.^e Data are for 1966 and are included in the NATO totals for 1967-68.^f Data are for 1965 and are included in the NATO totals for 1966-68.^g Data are for 1967 and are included in the NATO total for 1968.^h Including data for West Berlin, for which separate data are not available.

SECRET

71

CHEMICALS

SECRET

Table 74

Production of Synthetic Ammonia ^a
1955, 1960, and 1963-68

						Thousand Metric Tons of Nitrogen					
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	4,720* ^c	7,320* ^d	10,000*	11,300*	12,700*	14,400*	15,900*	N.A.*			
US ^e	2,426*	3,595*	4,994*	5,696*	6,500*	7,926*	8,857*	9,023*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	1,400	2,340	3,600	4,270	5,390	6,320	7,450	8,570			
USSR.....	818	1,329	2,327	2,757	3,557	4,155	4,903	5,394			
Eastern Europe.....	581	1,010	1,280	1,510	1,830	2,160	2,550	3,170			
Bulgaria.....	41*	111*	144*	283*	338*	390*	470*	672*			
Czechoslovakia.....	41	130	145	150	226	258	253	263			
East Germany.....	335*	393*	412*	418*	439*	449*	453*	600*			
Hungary.....	18*	67*	93*	109*	173*	214*	237*	300*			
Poland.....	137*	284*	371*	407*	440*	518*	666*	850*			
Rumania.....	9*	29*	113*	144*	218*	336*	472*	488*			
Far East											
Communist China.....	72	378	490	N.A.	N.A.	905	N.A.	N.A.			
North Korea.....	6	111	140	125	120	120	140	195			
Other											
Yugoslavia.....	2	12*	75*	105*	114*	123*	123*	162*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium....	209*	319*	411*	Italy.....	349*	724*	1,210*	Portugal.....	N.A.*	40*	143* ^a
Canada.....	N.A.*	N.A.*	797*	Netherlands...	320*	410*	738* ^a	Turkey.....	0*	0*	36* ^b
France.....	433*	724*	1,453*	Norway.....	174*	265*	370*	West Germany.	806*	1,242*	1,913*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, nitrogen content of synthetic ammonia.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Excluding data for Canada and Portugal.^d Excluding data for Canada.^e Synthetic anhydrous (commercial grade). To convert to actual production of synthetic ammonia, multiply by 1.2158.^f Plan data.^g Data are for 1966 and are included in the NATO total for 1967.^h Data are for 1965 and are included in the NATO totals for 1966-67.

SECRET

CHEMICALS

Table 75

Production of Caustic Soda ^a
1955, 1960, and 1963-68

Thousand Metric Tons

Thousand Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	5,150*	6,890*	8,240*	9,120*	9,680*	10,800*	11,500*	N.A.*			
US.....	3,552*	4,511*	5,274*	5,805*	6,166*	6,910*	7,159*	7,983*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	992*	1,420*	1,880*	2,050*	2,250*	2,420*	2,590*	2,790*			
USSR.....	518*	704*	965*	1,061*	1,199*	1,282*	1,402*	1,525*			
Eastern Europe.....	474*	717*	918*	987*	1,050*	1,140*	1,190*	1,260*			
Bulgaria.....	2*	17*	20*	29*	32*	37*	40*	41*			
Czechoslovakia.....	82*	115*	144*	147*	158*	176*	178*	183*			
East Germany.....	257*	327*	356*	365*	364*	381*	389*	408*			
Hungary ^c	12*	17*	40*	45*	50*	52*	56*	52*			
Poland.....	98*	167*	192*	205*	215*	238*	265*	302*			
Rumania.....	23*	74*	166*	196*	233*	252*	260*	275*			
Far East											
Communist China.....	137*	450*	350	N.A.	N.A.	N.A.	N.A.	N.A.			
North Korea.....	3*	25*	43*	55	N.A.	N.A.	N.A.	N.A.			
Other											
Cuba.....	2	2	1	1	2	2	2	N.A.			
Yugoslavia.....	31*	48*	70*	76*	88*	91*	87*	87*			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium.....	42*	50*	115* ^d	Greece.....	1*	1*	2* ^f	Portugal.....	12*	23*	34* ^f
Canada.....	205*	338*	790*	Italy.....	249*	426*	802*	Turkey.....	1*	2*	3*
Denmark.....	2*	4*	6* ^e	Netherlands...	60*	118*	179* ^f	West Germany..	556*	776*	1,424*
France.....	435*	597*	876*	Norway.....	35*	46*	73*				

* An asterisk indicates that the data are unclassified.

^a Pure caustic soda (100 percent NaOH), including tonnage not commercialized but used on the spot for processing.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including regenerated caustic soda.^d Data are for 1966 and are included in the NATO total for 1967.^e Data are for 1965 and are included in the NATO totals for 1966-67.^f Data are for 1964 and are included in the NATO totals for 1965-67.

SECRET

73

CHEMICALS

SECRET

Table 76

Production of Mineral Fertilizer, Nutrient Content ^a
1955, 1960, and 1963-68

							Thousand Metric Tons				
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	14,400*	18,700*	23,600*	25,900*	28,500*	30,600*	N.A.*	N.A.*			
US.....	5,943*	7,410*	9,930*	10,633*	11,934*	13,193*	13,914*	13,988*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	4,680*	6,420*	8,420*	10,100*	11,900*	13,400*	15,000*	16,600*			
USSR.....	2,299*	3,281*	4,647*	6,003*	7,389*	8,438*	9,406*	10,200*			
Eastern Europe.....	2,380*	3,140*	3,770*	4,080*	4,540*	4,950*	5,550*	6,390*			
Bulgaria.....	31*	126*	172*	296*	354*	394*	443*	641*			
Czechoslovakia.....	159*	287*	357*	399*	477*	512*	519*	512*			
East Germany.....	1,848*	2,080*	2,290*	2,296*	2,410*	2,504*	2,737*	3,000*			
Hungary.....	41*	102*	168*	192*	265*	298*	340*	402*			
Poland.....	286*	477*	600*	673*	738*	826*	974*	1,233*			
Rumania.....	11*	71*	185*	219*	293*	419*	537*	603*			
Far East											
Communist China.....	85	494	570	680	880	1,080	780	880-980			
North Korea.....	17	127	187	166	158	158	176	239			
North Vietnam.....	0*	9	22	25	N.A.	N.A.	N.A.	N.A.			
Other											
Albania.....	0	0	0	0	0	2	N.A.	N.A.			
Cuba.....	N.A.	14	12	10	N.A.	N.A.	N.A.	N.A.			
Yugoslavia.....	34*	45*	189*	247*	226*	279*	305*	309*			
Other NATO Countries											
	1955	1960	1966	1955	1960	1966	1955	1960	1966		
Belgium.....	531*	567*	711*	Iceland.....	7*	7*	8*	Portugal.....	95*	120*	183*
Canada.....	322*	496*	2,922*	Italy.....	799*	1,110*	1,641*	Turkey.....	10*	7*	68*
Denmark.....	86*	79*	138*	Luxembourg..	115*	128*	123*	UK.....	679*	841*	1,135*
France.....	2,262*	3,021*	4,393*	Netherlands..	447*	658*	890*	West Germany..	2,880*	3,897*	4,482*
Greece.....	37*	55*	248*	Norway.....	212*	326*	432*				

* An asterisk indicates that the data are unclassified.

^a Nitrogen fertilizer (in terms of nitrogen), phosphorous fertilizer (in terms of phosphoric anhydride), and potassium fertilizer (in terms of potassium oxide).

^b The years for the NATO data are "fertilizer years"—that is, in general, the year beginning 1 July of the stated year.

ALL DATA IN THESE TABLES ARE UNCLASSIFIED

CHEMICALS

Table 77

Production of Mineral Fertilizer in the US and the USSR
1955, 1960, and 1963-68
(In Terms of Soviet Statistical Reporting Units ^a)

	Thousand Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
US ^b	25,851	32,320	43,835	47,357	53,799	59,616	64,082	64,798
USSR.....	9,668	13,867	19,935	25,532	31,253	35,866	40,083	43,400

^a Soviet production of fertilizer is usually reported as follows: nitrogen fertilizer on the basis of fertilizer containing 20.5 percent nitrogen, potassium fertilizer on the basis of 41.6 percent potassium oxide, and most types of phosphorous fertilizer on the basis of 18.7 percent phosphoric anhydride. In addition, total production includes an insignificant quantity of microfertilizer.

^b Data are based on US production given in pure nutrients and recomputed to conform to the Soviet method for expressing production. The years for US data represent "fertilizer years"—that is, the year beginning 1 July of the stated year.

Table 78

Production of Plastics in the US and the USSR
1955, 1960, and 1963-68

	Thousand Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
US ^a	1,762	2,851	4,068	4,583	5,300	6,162	6,256	7,100
USSR.....	160	312	567	701	803	971	1,114	1,293

^a Dry basis, excluding water, solvents, and other liquid diluents.

ALL DATA IN THESE TABLES ARE UNCLASSIFIED
CLASSIFIED MATERIAL ON THE REVERSE

RUBBER

SECRET

Table 79

Production of Natural Rubber in Selected Countries
1955, 1960, and 1963-68

	Thousand Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
Cambodia.....	27.8*	37.1*	40.8*	45.8*	48.9*	51.3*	53.7*	51.3*
Ceylon.....	95.3*	98.8*	104.8*	111.6*	118.3*	131.0*	143.2*	148.7*
India.....	22.8*	25.2*	37.2*	44.2*	49.4*	53.2*	62.5*	66.5*
Indonesia ^a	748.9*	620.2*	582.3*	648.7*	717.0*	715.7*	760.0*	760.0*
Malaysia ^b	709.3*	785.4*	865.1*	904.2*	949.2*	998.3*	1,000.5*	1,107.4*
South Vietnam.....	66.3*	76.6*	71.8*	74.4*	61.0*	48.8*	40.6*	28.7*
Thailand ^a	132.3*	170.9*	189.8*	221.7*	216.5*	207.2*	214.3*	256.4*

* An asterisk indicates that the data are unclassified.

^a Exports plus estimated consumption.^b Including data for Malaya and Singapore, Sarawak, and Sabah.

Table 80

Production of Synthetic Rubber
1955, 1960, and 1963-68

	Thousand Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^a	1,100*	1,890*	2,330*	2,640*	2,780*	3,000*	2,980*	3,340*
US.....	986*	1,459*	1,634*	1,793*	1,842*	2,002*	1,943*	2,159*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	313	455	601	687	765	830	925	976
USSR.....	240	347	467	514	570	627	690	725
Eastern Europe.....	73	108	134	173*	195*	203*	235*	251*
Czechoslovakia.....	1	1	2	20*	30*	30*	34*	36*
East Germany ^b	72*	87*	90*	94*	95*	101*	110*	120*
Poland.....	0*	20*	36*	40*	39*	37*	40*	41*
Rumania.....	0*	0*	6*	19*	31*	35*	51*	54*

Other NATO Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Belgium.....	0*	0*	25*	Italy.....	0*	67*	125*	UK.....	0*	92*	232*
Canada.....	106*	162*	197*	Netherlands...	0*	12*	160*	West Germany.	11*	81*	229*
France.....	0*	17*	217*								

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Including Pervinan and Plastikator.

SECRET

RUBBER

Table 81

Production of Rubber Tires * in the US and Selected Communist Countries
1955, 1960, and 1963-68

Thousand Units

	1955	1960	1963	1964	1965	1966	1967	1968
US.....	116,004*	123,059*	142,893*	162,451*	172,532*	183,229*	168,746*	209,590*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	13,500*	23,400*	30,600*	33,900*	37,100*	39,300*	41,900*	45,300*
USSR.....	10,190*	17,255*	22,563*	24,361*	26,434*	27,656*	29,635*	31,800*
Eastern Europe.....	3,300*	6,140*	7,990*	9,530*	10,600*	11,600*	12,300*	13,500*
Bulgaria.....	72*	196*	338*	385*	349*	375* ^b	365* ^b	333* ^b
Czechoslovakia ^c	899*	1,324*	1,594*	1,586*	1,792*	1,994*	2,194*	2,421*
East Germany ^d	1,439*	2,714*	3,178*	3,261*	3,750*	3,930*	4,204*	4,500*
Hungary ^b	245*	336*	418*	505*	581*	644*	699*	591*
Poland.....	469* ^e	1,223* ^e	1,483* ^e	2,503*	2,818*	3,031*	3,082*	3,721*
Rumania ^f	180*	352*	976*	1,290*	1,329*	1,640*	1,760*	1,929*
Other								
Cuba.....	101	341	363	450	197	306	400	N.A.
Yugoslavia ^g	87*	391*	733*	932*	954*	1,613*	1,578*	1,780*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for all motor vehicle tires, excluding aircraft and bicycle tires.

^b Excluding motorcycle tires.

^c Excluding motorcycle and bus tires and, for 1966-68, tractor tires.

^d Including solid rubber tires.

^e Excluding motorcycle, tractor, and agricultural tires.

^f Including aircraft tires.

^g Automobile, motorcycle, and aircraft tires only.

SECRET

77

FUELS AND POWER

SECRET

Table 82

Production of Primary Energy ^a
1955, 1960, and 1963-68

Million Metric Tons of Coal Equivalents

	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	1,980*	2,130*	2,340*	2,430*	2,510*	2,600*	2,640*	2,740*			
US.....	1,319.3*	1,429.3*	1,586.7*	1,655.0*	1,718.6*	1,814.1*	1,859.8*	1,941.6*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	667	937	1,130*	1,210*	1,270*	1,340	1,400	1,470			
USSR.....	435.5*	662.7*	821.4*	883.2*	942.5*	1,006.5*	1,062.8*	1,125.8*			
Eastern Europe.....	231	275	312*	323*	329*	334	335	349			
Bulgaria.....	4.5*	7.7*	8.7*	9.0*	9.4*	9.6*	10.2*	10.5*			
Czechoslovakia.....	36.6*	50.9*	59.0*	60.1*	61.9*	61.1*	59.2*	61.0*			
East Germany.....	65.8	73.6	82.4*	83.2*	81.4*	80.8	78.6	80.1			
Hungary.....	13.9*	14.8*	17.4*	18.0*	18.3*	18.3*	17.9*	19.1*			
Poland.....	83.9*	93.5*	103.2*	108.6*	110.9*	114.3*	116.0*	122.3*			
Rumania.....	26.7*	34.2*	41.6*	43.7*	46.8*	49.4*	52.9*	55.8*			
Far East											
Communist China.....	94.7	209.1	172.0	186.6	201.6	210.2	184.4	194.5			
North Korea.....	4.4*	14.1*	18.6*	19.3*	21.3	21.5	23.5	26.6			
North Vietnam.....	0.6	2.4	3.1	3.2	3.7	3.8	2.3	2.8			
Other											
Albania.....	0.4*	1.1*	1.2*	1.2*	1.4	1.5	1.6	1.8			
Yugoslavia.....	9.6*	15.5*	19.2*	20.2*	21.3*	21.4*	20.8*	21.6*			
Other NATO Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Belgium ^c	30.1*	22.6*	15.8*	Iceland.....	0.2*	0.3*	0.4*	Portugal.....	1.4*	2.2*	3.6*
Canada.....	82.5*	120.1*	219.1*	Italy.....	23.4*	37.7*	45.8*	Turkey.....	4.3*	5.3*	11.2*
Denmark.....	0.3*	0.8*	0.6*	Netherlands...	13.5*	15.5*	28.5*	UK.....	226.3*	199.8*	181.6*
France.....	72.1*	86.2*	81.7*	Norway.....	12.7*	17.4*	33.3*	West Germany..	188.7*	188.7*	170.1*
Greece.....	0.6*	1.5*	2.6*								

* An asterisk indicates that the data are unclassified.

^a Data are for coal, crude oil, natural gas, and hydroelectric power expressed in terms of coal equivalents (calorific value of 7,000 kilocalories per kilogram), and exclude minor fuels such as peat, shale, and fuelwood.^b The following coefficients were used to convert the sources of primary energy into hard coal equivalents: coal (metric tons), 1.0; brown coal and lignite (metric tons), 0.29; crude oil (metric tons), 1.3; crude natural gasoline (metric tons), 1.5; natural gas (1,000 cubic meters), 1.33; and hydroelectricity (1,000 kilowatt-hours), 0.55. Production of geothermal and nuclear electric power is included at the same ratio as hydroelectricity.^c Including data for Luxembourg.

SECRET

FUELS AND POWER

Table 83

Production of Hard Coal ^a
1955, 1960, and 1963-68

Million Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	931*	836*	866*	894*	898*	889*	855*	850*			
US.....	442.4*	391.5*	430.4*	454.7*	475.3*	492.6*	481.2*	496.6*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	401*	516*	549*	567*	588*	601*	614*	624			
USSR.....	276.6*	374.9*	395.1*	408.9*	427.9*	439.2*	451.4*	456.0			
Eastern Europe.....	124*	141*	154*	158*	160*	162*	163*	168			
Bulgaria.....	0.3*	0.6*	0.7*	0.6*	0.6*	0.5*	0.5*	0.4*			
Czechoslovakia.....	20.6*	26.2*	28.2*	28.2*	27.6*	26.7*	25.9*	25.7*			
East Germany.....	2.7*	2.7*	2.5*	2.3*	2.2*	2.0*	1.8*	1.5			
Hungary.....	2.7*	2.8*	3.7*	4.1*	4.4*	4.4*	4.0*	4.2*			
Poland.....	94.5*	104.4*	113.2*	117.4*	118.8*	122.0*	123.9*	128.6*			
Rumania.....	3.4*	4.5*	5.7*	5.9*	6.0*	6.3*	6.7*	7.3			
Far East											
Communist China ^c	98.3*	280.0	190.0	200.0	210.0	220.0	190.0	200.0			
North Korea.....	1.9*	6.8*	9.2*	9.3*	12.4	14.0	15.4	18.6			
North Vietnam.....	0.6	2.6	3.3	3.4	4.0	4.1	2.5	3.0			
Other											
Yugoslavia.....	1.2*	1.3*	1.3*	1.3*	1.2*	1.1*	0.9*	0.8*			
Other NATO Countries											
	1955	1960	1968		1955	1960	1968				
Belgium.....	30.0*	22.5*	14.9*	Netherlands ^d ..	11.9*	12.5*	6.7*	Turkey.....	3.5*	3.7*	4.8*
Canada.....	11.4*	8.0*	8.2*	Norway ^e	0.3*	0.4*	0.3*	UK ^f	225.2*	196.7*	164.2*
France.....	55.3*	56.0*	41.9*	Portugal.....	0.4*	0.4*	0.4*	West Germany ^d ..	149.1*	143.3*	112.0*
Italy.....	1.1*	0.7*	0.4*								
Other Free World Countries											
	1955	1960	1968		1955	1960	1968		1955	1960	1968
Australia ^g	19.6*	22.9*	40.9*	Japan.....	42.4*	51.1*	46.6*	Spain.....	12.4*	13.8*	12.4*
India.....	38.8*	52.6*	69.0*								

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for anthracite and bituminous coal.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including a negligible amount of brown coal.^d Including low-quality coal at its hard-coal equivalent.^e Data are for Norwegian mines in Svalbard only.^f Excluding data for Northern Ireland.^g Including waste.

SECRET

79

FUELS AND POWER

SECRET

Table 84

Production of Brown Coal and Lignite
1955, 1960, and 1963-68

1955, 1960, and 1968

							Million Metric Tons		
	1955	1960	1963	1964	1965	1966	1967	1968	
NATO COUNTRIES ^a	101*	111*	123*	128*	121*	118*	118*	124*	
US.....	2.9*	2.5*	2.5*	2.7*	2.8*	3.5*	4.1*	4.6*	
COMMUNIST COUNTRIES									
USSR and Eastern Europe...	392*	470*	530*	553*	553*	550*	539*	548	
USSR.....	113.3*	134.7*	136.6*	145.1*	149.8*	146.4*	143.8*	138.0*	
Eastern Europe.....	278*	336*	394*	408*	403*	404*	395*	410	
Bulgaria.....	9.1*	15.4*	20.3*	23.8*	24.5*	24.6*	26.7*	28.3*	
Czechoslovakia.....	40.4*	57.9*	72.4*	74.5*	72.3*	72.4*	70.9*	74.4*	
East Germany.....	200.6*	225.5*	254.2*	256.9*	250.8*	249.0*	242.0*	247.2*	
Hungary.....	19.6*	23.7*	26.8*	27.4*	27.1*	26.0*	23.0*	23.0*	
Poland.....	6.0*	9.3*	15.3*	20.3*	22.6*	24.5*	23.9*	26.9*	
Rumania.....	2.8*	3.7*	4.6*	5.2*	6.1*	7.1*	8.3	9.7	
Far East ^b									
North Korea ^c	1.3*	3.5*	4.5*	4.8*	5.0*	5.5*	6.0	7.0	
Other									
Albania.....	0.2*	0.3*	0.3*	0.3*	0.3*	0.4*	0.4	0.5	
Yugoslavia.....	14.1*	21.4*	26.1*	28.2*	28.8*	28.2*	25.6*	25.9*	
Other NATO Countries									
	1955	1960	1968		1955	1960	1968		
Canada.....	2.1*	2.0*	2.0*	Greece.....	0.8*	2.5*	5.5*	Turkey.....	
Denmark....	0.8*	2.3*	1.9* ^d	Italy.....	0.4*	0.8*	1.7*	West Germany.	
France.....	2.1*	2.3*	3.9*	Portugal.....	0.1*	0.2*	<i>Negl.*</i>		
Other Free World Countries									
	1955	1960	1968		1955	1960	1968		
Australia....	10.3*	15.2*	23.0*	Japan.....	1.4*	1.4*	0.3*	Spain.....	
Austria.....	6.6*	6.0*	4.2*	New Zealand..	1.8*	2.2*	1.7*		

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Negligible production for Communist China is included in Table 83, p. 79.^c Including unknown amounts of hard coal.^d Data are for 1967 and are included in the NATO total for 1968.^e State-owned mines only.

SECRET

FUELS AND POWER

Table 85

Production of Metallurgical Coke *
1955, 1960, and 1963-68

							Thousand Metric Tons	
	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	159,000*	149,000*	141,000*	152,000*	157,000*	153,000*	144,000*	144,000*
US.....	68,313*	51,917*	49,240*	56,377*	60,649*	61,146*	58,587*	57,744*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	55,800*	73,100*	82,900*	85,900*	87,900*	89,000*	90,600*	N.A.
USSR.....	43,593*	56,233*	63,873*	66,246*	67,500*	68,500*	69,900*	71,500*
Eastern Europe.....	12,200*	16,900*	19,100*	19,700*	20,400*	20,500*	20,700*	N.A.
Bulgaria ^c	10*	20*	128*	471*	733*	800*	803*	N.A.
Czechoslovakia.....	5,460*	6,842*	7,742*	7,952*	7,875*	7,732*	7,751*	9,550*
East Germany.....	458*	1,008*	1,042*	1,048*	1,051*	1,060*	1,087*	N.A.
Hungary ^d	30*	499*	660*	665*	642*	646*	649*	500*
Poland.....	6,127*	7,712*	8,360*	8,403*	8,928*	9,114*	9,300*	9,630*
Rumania.....	144*	820*	1,141*	1,146*	1,135*	1,103*	1,131*	N.A.
Far East								
Communist China ^e	3,658*	25,000	6,780	7,139	7,788	9,735	9,100	9,800
North Korea.....	207*	817*	1,200*	1,200*	N.A.	N.A.	N.A.	N.A.
North Vietnam.....	0	N.A.	N.A.	N.A.	100	100	25	25
Other								
Yugoslavia.....	731*	1,083*	1,090*	1,160*	1,253*	1,226*	1,206*	1,200*
Other NATO Countries								
	1955	1960	1968		1955	1960	1968	
Belgium....	6,600*	7,540*	7,230*	Italy.....	2,954*	3,715*	6,400*	UK..... 18,394*
Canada ^f	3,369*	3,514*	4,823*	Netherlands ^f ..	3,901*	4,517*	2,950*	West Ger- 19,136*
France ^f	10,760*	13,635*	12,400*	Turkey.....	547*	529*	1,120* ^g	many ^h ... 15,000*
								44,460*
								44,681*
								36,000*

* An asterisk indicates that the data are unclassified.

* Unless otherwise indicated, data are for oven and beehive coke and exclude breeze coke.

^b Net production, excluding coke consumed by coking plants. NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Before 1963, data include foundry coke, not suitable for blast furnaces. Production in 1963-68 is believed to be primarily metallurgical coke.^d Data include metallurgical coke, but a large part of this "metallurgical coke" is produced in gas plants and is used with high-quality coke in charging blast furnaces.^e Excluding coke made in beehive, clamp, native, and "small modern" furnaces.^f Beginning with 1960, data include breeze coke.^g Data are for 1966 and are included in the NATO totals for 1967-68.^h Including electrode coke but excluding low-temperature coke.

SECRET

81

FUELS AND POWER

SECRET

Table 86

Production of Crude Oil ^a
1955, 1960, and 1963-68

							Thousand Metric Tons				
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	359,000*	386,000*	422,000*	430,000*	441,000*	469,000*	499,000*	518,000*			
US.....	335,744*	347,975*	372,001*	376,609*	384,946*	409,170*	434,573*	449,868*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	83,400*	161,000*	221,000*	238,000*	258,000*	281,000	304,000	325,000			
USSR.....	70,793*	147,859*	206,069*	223,603*	242,888*	265,125*	288,068*	309,000*			
Eastern Europe.....	12,600*	13,200*	14,600*	14,900*	15,200*	15,600	16,200	16,400			
Bulgaria.....	150*	200*	173*	160*	229*	404*	499*	475*			
Czechoslovakia.....	107*	137*	180*	195*	192*	190*	200*	200			
East Germany.....	0*	Negl.*	Negl.*	30*	60*	125	150	150			
Hungary.....	1,601*	1,217*	1,756*	1,801*	1,803*	1,706*	1,686*	1,807*			
Poland.....	180*	194*	212*	282*	339*	400*	450*	475*			
Rumania.....	10,555*	11,500*	12,233*	12,395*	12,571*	12,825*	13,206*	13,285*			
Far East											
Communist China ^c	966*	4,600	5,500	6,900	8,000	10,000	10,000	11,000			
Other											
Albania.....	208*	728*	751*	764*	820*	886*	983*	1,100*			
Cuba.....	N.A.	25*	30*	37*	57*	69*	114*	130			
Yugoslavia.....	257*	944*	1,611*	1,799*	2,063*	2,222*	2,374*	2,494*			
Other NATO Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Canada...	17,492*	25,634*	50,700*	Netherlands...	1,024*	1,918*	2,148*	UK.....	151*	146*	88* ^d
France...	885*	1,983*	2,688*	Turkey.....	179*	375*	3,070*	West Germany..	3,147*	5,530*	7,980*
Italy.....	204*	1,998*	1,512*								
Other Free World Countries											
	1955	1960	1968		1955	1960	1968		1955	1960	1968
Argentina...	4,365*	8,898*	17,448*	Kuwait.....	54,759*	81,867*	122,016*	Qatar.....	5,438*	8,212*	16,176*
Colombia ^e ...	5,493*	7,584*	8,796*	Kuwait (neu-				Saudi Ara-			
Indonesia...	11,730*	20,596*	25,310* ^f	tral zone)...	1,294*	7,289*	23,220*	bia.....	47,535*	62,068*	140,844*
Iran.....	16,356*	52,392*	140,520*	Mexico.....	12,786*	14,171*	20,800*	Venezuela..	113,041*	149,372*	189,204*
Iraq.....	33,241*	47,467*	73,848*								

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for crude oil and exclude shale oil, natural gasoline, and synthetic crude oil.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The data for NATO include shale oil.^c Including synthetic crude oil.^d Data are for 1967 and are included in the NATO total for 1968.^e Including natural gasoline.^f Data are for 1967.

SECRET

FUELS AND POWER

Table 87

Production of Petroleum Products ^a
1955, 1960, and 1963-68

Million Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	454*	547*	661*	715*	766*	822*	873*	N.A.*			
US.....	338.7*	356.8*	394.7*	409.9*	420.3*	438.1*	460.0*	480.0*			
COMMUNIST COUNTRIES ^c											
USSR and Eastern Europe...	76.2	134	178	191	206	221	240	260			
USSR ^d	60.7	113.9	152.8	161.6	172.4	185.4	202.2	218.0			
Eastern Europe.....	15.5	20.1	25.2	29.2	33.1	35.3	37.6	41.6			
Bulgaria.....	Negl.	0.1	0.5	1.9*	2.2*	2.7	3.0	3.3			
Czechoslovakia.....	1.0	2.6	4.3	5.0	5.8	6.0	7.1	7.7			
East Germany.....	2.1	3.1	4.2	5.1	6.0	7.0	7.2	7.7			
Hungary.....	1.6*	2.5*	3.2*	3.6*	3.9*	4.1	4.3	4.8			
Poland.....	0.7*	0.8*	1.4*	1.9*	3.4*	3.6*	3.8	5.4			
Rumania.....	10.1	11.0	11.6	11.7	11.8	11.9	12.2	12.7			
Far East											
Communist China.....	1.2	4.7	5.0	6.3	7.2	9.0	8.9	9.8			
Other											
Albania.....	0.1	0.3	0.4	0.5	0.5	0.5	0.6	0.7			
Cuba.....	0.7*	3.1*	3.3	3.1	3.2	3.6	3.6	3.7			
Yugoslavia.....	0.4*	1.3*	1.8*	2.1*	2.9*	4.1*	4.5*	4.6			
Other NATO Countries											
	1955	1960	1967		1955	1960	1967		1955	1960	1967
Belgium.....	4.3*	6.6*	16.3*	Greece.....	Negl.*	1.6*	3.6*	Portugal.....	0.8*	1.3*	1.6*
Canada.....	24.3*	35.6*	50.2*	Italy.....	16.1*	29.0*	82.2*	Turkey.....	0.1*	0.3*	5.3*
Denmark.....	Negl.*	Negl.*	6.0*	Netherlands..	11.9*	18.5*	32.9*	UK.....	25.4*	40.9*	68.0*
France ^e	23.0*	29.8*	69.8*	Norway.....	0.1*	0.1*	3.0*	West Germany..	9.3*	26.2*	73.5*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for (where produced) gasoline, kerosine, distillate fuel oil, lubricating oil, residual and other petroleum products, natural gasoline, and liquefied petroleum gases. Data exclude some minor miscellaneous products such as white spirits and asphalt.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Data include products from indigenous and imported natural crude oil and from synthetic sources. Synthetic production is not included in production for the USSR.^d Excluding relatively small yields of synthetic stocks.^e Before 1 April 1962, data include Algeria.

SECRET

83

FUELS AND POWER

SECRET

Table 88

Production of Natural Gas ^a
1955, 1960, and 1963-68

							Million Cubic Meters				
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	275,000*	384,000*	461,000*	490,000*	512,000*	551,000*	588,000*	632,000*			
US ^c	266,331*	359,673*	415,313*	437,842*	454,198*	487,240*	514,558*	547,170*			
COMMUNIST COUNTRIES ^d											
USSR and Eastern Europe...	16,400*	57,800*	107,000*	127,000*	148,000*	166,000	183,000	198,000			
USSR ^e	8,981*	45,303*	89,832*	108,566*	127,666*	142,962*	157,445*	169,300*			
Eastern Europe.....	7,430*	12,500*	17,100*	18,600*	20,800*	22,700	25,900	28,900			
Bulgaria.....	0*	0*	0*	0*	74*	109*	329*	500			
Czechoslovakia.....	173*	1,294*	909*	836*	752*	811*	1,016*	1,000			
East Germany.....	10*	26*	101*	108*	133*	150	200	200			
Hungary.....	545*	342*	611*	784*	1,108*	1,552*	2,044*	2,691*			
Poland.....	393*	541*	945*	1,180*	1,312*	1,290*	1,568*	2,556*			
Rumania ^f	6,307*	10,330*	14,549*	15,738*	17,452*	18,789*	20,694*	21,944*			
Other											
Yugoslavia.....	55*	53*	191*	274*	330*	402*	461*	584*			
Other NATO Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Canada.....	4,269*	14,521*	49,000*	Italy.....	3,627*	6,447*	10,404*	West Germany ^g	240*	448*	5,784*
France.....	256*	2,846*	5,700*	Netherlands...	135*	330*	14,300*				
Other Free World Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Argentina...	719*	1,383*	5,320*	Mexico ^h	3,392*	9,665*	16,400*	Venezuela.....	2,748*	4,606*	7,800*
Japan.....	145*	676*	2,016*								

* An asterisk indicates that the data are unclassified.

^a Data include only gas from natural gas wells and associated gas from petroleum fields.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are for net production—that is, for gas actually collected and utilized as fuel or raw material. They thus exclude gas used for repressuring, as well as gas flared, vented, or otherwise wasted, whether or not it has first been processed for the extraction of natural gasoline.

^c Data for the US are in terms of net marketed production and agree with the general definition for the NATO data. Data for the USSR are believed to refer to gross production less losses and waste. US gross production (less losses and waste), which would include gas returned to reservoirs in order to maintain horizon pressure (about 8 percent of gross production in 1967) would be as follows (in billion cubic meters):

1955	1960	1963	1964	1965	1966	1967
310	411	470	484	500	528	560

A much smaller share of total production in the USSR is believed to be used for repressuring.

^d Gross production.

^e Including methane (dry) gas and wet gas from petroleum fields.

^f Production from gasfields only.

^g Including gas used for repressuring and gas wasted.

SECRET

FUELS AND POWER

Table 89

Production of Electric Power ^a
1955, 1960, and 1963-68

Billion Kilowatt-Hours

	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	1,070*	1,470*	1,780*	1,920*	2,050*	2,190*	2,310*	2,510*
US.....	667.62*	893.72*	1,074.61*	1,151.52*	1,229.64*	1,328.21*	1,398.98*	1,522.99*
Of which: hydro.....	116.24*	149.12*	168.99*	180.30*	196.98*	197.94*	224.95*	225.62*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	244*	406*	555*	616*	677*	730*	788*	855*
USSR.....	170.22*	292.27*	412.42*	458.90*	506.71*	544.60*	587.70*	638.00*
Of which: hydro.....	23.16*	50.91*	75.86*	77.36*	81.43*	91.80*	88.57*	104.00*
Eastern Europe.....	73.3*	114*	143*	157*	170*	185*	200*	217*
Bulgaria.....	2.07*	4.66*	7.18*	8.70*	10.24*	11.76*	13.63*	15.45*
Czechoslovakia.....	15.01*	24.45*	29.86*	31.98*	34.19*	36.47*	38.62*	41.47*
East Germany.....	28.70*	40.30*	47.45*	51.03*	53.61*	56.87*	59.69*	63.23*
Hungary.....	5.43*	7.62*	9.66*	10.58*	11.18*	11.86*	12.49*	13.16*
Poland.....	17.75*	29.31*	36.96*	40.61*	43.77*	47.36*	51.27*	55.50*
Rumania.....	4.34*	7.65*	11.68*	13.85*	17.22*	20.81*	24.77*	27.79*
Far East								
Communist China.....	12.28*	47*	33*	36*	42	47	41	44
North Korea.....	3.14*	9.14*	11.77*	12.50*	13.4	12.5*	14.0*	15.0
North Vietnam.....	0.05*	0.26*	0.46*	0.55*	0.60	0.55	0.45	0.50
Other								
Albania.....	0.08*	0.19*	0.26*	0.29*	0.36*	0.42*	0.56*	0.67*
Cuba.....	1.87*	2.98*	3.03*	3.19*	3.45*	3.71*	3.96*	N.A.
Yugoslavia.....	4.34*	8.93*	13.54*	14.19*	15.52*	17.17*	18.70*	20.60*

Other NATO Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Belgium...	11.72*	15.15*	26.51*	Iceland.....	0.41*	0.55*	0.73*	Portugal.....	1.89*	3.26*	6.20*
Canada...	83.13*	115.10*	177.78*	Italy.....	38.12*	56.24*	105.00*	Turkey.....	1.58*	2.82*	6.90*
Denmark...	4.17*	5.57*	13.17*	Luxembourg...	1.11*	1.54*	2.04*	UK.....	94.08*	136.97*	221.15*
France...	51.53*	75.01*	122.45*	Netherlands...	11.19*	16.52*	33.58*	West Germany...	78.86*	116.42*	199.33*
Greece....	1.39*	2.29*	7.30*	Norway.....	22.70*	31.14*	60.13*				

Other Free World Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
India.....	10.88*	20.12* °	51.91* °	Spain.....	11.92*	18.61*	45.30*	Sweden.....	24.72*	34.72*	56.33*
Japan....	63.60*	111.49*	262.75*								

^a An asterisk indicates that the data are unclassified.^a Data are for total (gross) production at generating centers and therefore include transmission losses and station use. (See footnote b.)^b Data are gross production or estimates of gross production based on reported net, adjusted by increasing by 7.5 percent the thermal electric production to include production that is consumed by the station itself. Hydroelectric production that is consumed by the station itself is a negligible part of the total gross production. Therefore, no attempt has been made to adjust the net production for hydroelectric power.[°] Data are for the year beginning 1 April of the stated year.

FUELS AND POWER

SECRET

Table 90

Installed Electric Power Generating Capacity * in Selected Free World and Communist Countries
1955, 1960, and 1963-68

	Thousand Kilowatts							
	1955	1960	1963	1964	1965	1966	1967	1968
FREE WORLD COUNTRIES								
US.....	130,896*	186,534*	228,756*	240,471*	254,519*	266,816*	288,185* ^b	309,432*
Canada.....	12,678* ^c	23,035*	26,301*	27,027*	29,348*	30,775*	32,965* ^b	35,978*
France.....	16,168*	21,851*	25,602*	26,729*	28,209*	30,217*	31,610* ^b	32,800*
Italy.....	12,421*	17,686*	21,393*	23,554*	25,377*	26,756*	28,759* ^b	N.A.*
UK.....	27,224*	36,702*	44,458*	45,236*	49,341*	51,814*	56,614* ^b	N.A.*
West Germany.....	17,742*	27,097*	33,463*	36,665*	40,132*	42,434*	45,495* ^b	47,200*
India ^d	3,474*	5,580*	7,617*	8,371*	9,745*	11,035*	N.A.*	N.A.*
Japan ^d	14,512*	23,657*	34,295*	38,072*	41,016*	44,991*	49,144* ^b	N.A.*
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	37,246*	66,721*	93,050*	103,584*	115,033*	123,007*	131,727* ^b	142,227*
Eastern Europe								
Bulgaria.....	432*	925*	1,493*	1,986*	2,155*	2,641*	2,865*	3,322*
Czechoslovakia.....	3,979*	5,662*	7,287*	8,109*	8,206*	9,149*	9,589*	9,920*
East Germany.....	5,926*	7,904*	8,894*	9,602*	10,350*	11,067*	11,522* ^b	11,775*
Hungary.....	1,086*	1,479*	1,785*	1,908*	1,998*	2,007*	2,060*	2,360*
Poland.....	4,179*	6,316*	8,463*	9,203*	9,672*	9,920*	10,933* ^b	11,700*
Rumania.....	1,220*	1,779*	2,356*	2,866*	3,258*	4,471*	5,198*	5,687*
Far East								
Communist China.....	3,000	10,900*	12,700*	13,000	13,600	14,400	15,100	15,400
North Korea.....	808	1,789	1,925	2,175	2,375	2,475	2,625	2,725
North Vietnam ^e	50	110	155	175	175	187	187	187
Other								
Cuba.....	650*	905*	985*	1,020*	1,020*	1,170*	1,300*	1,300*
Yugoslavia.....	1,148*	2,402*	3,030*	3,114*	3,728*	4,268*	4,511*	5,370*

* An asterisk indicates that the data are unclassified.

^a All plants for both public and industrial use. Unless otherwise indicated, data are as of the end of the year.

^b Nuclear generating capacity installed as of 1967 was as follows (in thousand kilowatts): US, 2,810; Canada, 22; France, 1,100; Italy, 642; UK, 3,832; West Germany, 317; Japan, 178; USSR, 1,215; and East Germany, 70.

^c Excluding some generation for industrial use.

^d Data are for the year beginning 1 April of the stated year.

^e Percentage out of operation as a result of bomb damage is as follows: 1965, 27 percent; 1966, 32 percent; 1967, 65 percent; and 1968, 45 percent.

SECRET

ORES AND METALS

Table 91

Production of Crude Steel ^a
1955, 1960, and 1963-68

Million Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	184*	194*	204*	235*	244*	243*	240*	256*			
US ^c	106.17*	90.07*	99.12*	115.15*	118.98*	121.63*	115.14*	118.71*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	59.5*	86.5*	106*	112*	120*	128*	136*	142*			
USSR.....	45.27*	65.29*	80.23*	85.04*	91.02*	96.90*	102.20*	106.50*			
Eastern Europe.....	14.3*	21.2*	25.3*	27.2*	28.7*	30.6*	33.3*	35.6*			
Bulgaria ^d	0.12*	0.30*	0.52*	0.54*	0.65*	0.76*	1.30*	1.52*			
Czechoslovakia.....	4.47*	6.77*	7.60*	8.38*	8.60*	9.13*	10.00*	10.56*			
East Germany.....	2.84*	3.79*	4.09*	4.31*	4.37*	4.56*	4.72*	4.85*			
Hungary.....	1.63*	1.89*	2.37*	2.36*	2.52*	2.65*	2.74*	2.90*			
Poland.....	4.43*	6.68*	8.00*	8.57*	9.09*	9.85*	10.45*	11.01*			
Rumania.....	0.77*	1.81*	2.70*	3.04*	3.43*	3.67*	4.09*	4.75*			
Far East											
Communist China.....	2.85*	18.45*	9	10	11	12	10	12			
North Korea.....	0.14*	0.64*	1.02*	1.13*	1.23	1.30	1.50	1.60			
Other											
Cuba.....	N.A.	N.A.	0.04	0.05	0.03	0.06*	0.12*	N.A.			
Yugoslavia.....	0.80*	1.44*	1.59*	1.68*	1.77*	1.87*	1.83*	2.00*			
Other NATO Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Belgium....	5.89*	7.18*	11.48*	Italy.....	5.40*	8.23*	16.96*	Portugal.....	Negl.*	Negl.*	0.31*
Canada....	4.11*	5.27*	10.19*	Luxembourg...	3.22*	4.08*	4.84*	Turkey.....	0.20*	0.28*	0.55* ^e
Denmark...	0.24*	0.32*	0.40* ^e	Netherlands...	0.98*	1.94*	3.64*	UK.....	20.11*	24.70*	26.28*
France....	12.59*	17.28*	20.39*	Norway.....	0.17*	0.48*	0.82*	West Germany.	24.50*	34.10*	41.16* ^f
Greece.....	0.06*	0.06*	0.21* ^e								
Other Free World Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Australia...	2.24*	3.75*	6.25*	Japan.....	9.41*	22.14*	66.89*	Sweden.....	2.15*	3.22*	5.06*
India.....	1.73*	3.29*	6.31* ^g	South Africa...	1.58*	2.11* ^h	3.98*				

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for ingots and steel for castings.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Excluding steel for castings made in foundries operated by companies not producing ingots.^d Including an estimate for steel for castings for all years.^e Data are for 1967 and are included in the NATO total for 1968.^f Including data for West Berlin, for which separate data are not available.^g Ingots only.^h Including finished castings for sale.

SECRET

87

ORES AND METALS

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

Table 92

Production of Rolled Steel ^a
1955, 1960, and 1963-68

								Million Metric Tons														
	1955		1960		1963		1964		1965		1966		1967		1968							
NATO COUNTRIES ^b																						
US.....	84.50 °		69.35		74.25		85.14		90.09		90.00		84.45		N.A.							
COMMUNIST COUNTRIES																						
USSR and Eastern Europe...	44.5		65.2		79.8		85.0		90.6		97.7		104		110							
USSR.....	35.30		51.00		62.50		66.70		70.91		76.70		81.70		85.20							
Eastern Europe.....	9.24		14.2		17.3		18.3		19.7		21.0		22.4		24.4							
Bulgaria.....	0.07		0.19		0.35		0.36		0.43		0.48		0.61		1.03							
Czechoslovakia.....	2.99		4.48		5.11		5.66		6.09		6.52		7.11		7.53							
East Germany.....	1.88		2.61		2.81		2.90		2.99		3.05		3.08		3.18							
Hungary.....	0.88		1.23		1.63		1.62		1.70		1.73		1.77		1.98							
Poland.....	2.92		4.42		5.46		5.71		6.13		6.58		6.95		7.33							
Rumania.....	0.50		1.25		1.92		2.06		2.35		2.59		2.91		3.39							
Other																						
Yugoslavia.....	0.49		0.97		1.15		1.20		1.19		1.23		1.18		1.51							
Other NATO Countries																						
	1955		1960		1967		1955		1960		1967		1955		1960		1967					
Belgium.....	4.80 °		5.88 ^d		8.19		Italy.....		4.50 °		7.78		12.81		Portugal.....		N.A.		N.A.		0.24	
Canada.....	3.14		4.13		6.52		Luxembourg..		2.60 °		3.22		3.53		Turkey.....		0.20 °		0.21		0.48	
Denmark.....	0.20 °		0.22		0.35		Netherlands..		1.00 °		1.69		2.74		UK.....		15.70 °		18.41		18.70	
France.....	9.70 °		13.70		15.81		Norway.....		0.10 °		0.33		0.61		West Germany.		19.60 °		25.84		28.44	
Other Free World Countries																						
	1955		1960		1967																	
Japan.....	7.25		17.20		50.44																	

^a Unless otherwise indicated, data are for hot-rolled steel.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including steel castings and steel forgings.^d Including steel forgings.ALL DATA IN THIS TABLE ARE UNCLASSIFIED
CLASSIFIED MATERIAL ON THE REVERSE

SECRET

ORES AND METALS

Table 93

Production of Pig Iron and Blast-Furnace Ferroalloys •
1955, 1960, and 1963-68

	Thousand Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	128,000*	136,000*	140,000*	164,000*	169,000*	169,000*	169,000*	179,000*
US.....	70,570*	61,072*	65,657*	78,213*	80,584*	83,605*	79,505*	81,016*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	42,200*	60,200*	74,400*	79,500*	84,100*	89,400*	95,600*	101,000*
USSR.....	33,310*	46,757*	58,691*	62,377*	66,184*	70,300*	74,800*	78,800*
Eastern Europe.....	8,860*	13,400*	15,800*	17,100*	17,900*	19,100*	20,800*	21,700*
Bulgaria.....	8* ^c	192*	265*	457*	695*	903*	1,028*	1,110*
Czechoslovakia.....	2,982*	4,696*	5,254*	5,716*	5,868*	6,269*	6,762*	6,868*
East Germany.....	1,517*	1,995*	2,150*	2,260*	2,338*	2,448*	2,525*	2,333*
Hungary.....	868*	1,246*	1,388*	1,493*	1,577*	1,633*	1,655*	1,638*
Poland.....	2,920*	4,253*	4,993*	5,268*	5,375*	5,611*	6,327*	6,760*
Rumania.....	570*	1,014*	1,706*	1,924*	2,019*	2,198*	2,456*	2,992*
Far East								
Communist China.....	3,872*	27,500* ^d	10,000	11,000	12,000	15,400	14,000	15,500
North Korea.....	112*	752*	986*	1,150	1,120	1,290	1,400	1,500
North Vietnam.....	0*	10*	15*	120	200	150	N.A.	N.A.
Other								
Yugoslavia.....	514*	972*	996*	1,026*	1,115*	1,143*	1,177*	1,201*

Other NATO Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Belgium...	5,390*	6,553*	10,303*	Luxembourg...	3,085*	3,713*	4,308*	Turkey....	201*	247*	535*
Canada....	3,089*	4,025*	7,763*	Netherlands...	670*	1,346*	2,820*	UK.....	12,670*	16,016*	16,680*
Denmark..	54*	69*	118*	Norway.....	123*	373*	731*	West Ger-			
France....	10,960*	14,144*	16,453*	Portugal.....	Negl.*	Negl.*	286*	many...	19,361*	25,729*	30,376* ^f
Italy.....	1,625*	2,715*	7,875*								

Other Free World Countries ^g

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Australia ^h ..	1,826*	2,939*	5,628*	Japan.....	5,426*	12,341*	47,280*	Sweden...	1,247*	1,627*	2,522*
India.....	1,925*	4,260*	7,032* ⁱ	South Africa...	1,301*	2,000*	4,117*				

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for pig iron and blast-furnace ferroalloys and exclude ferroalloys obtained from electric furnaces and sponge iron.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Although the Bulgarian yearbooks list these data as pig iron, they probably refer to iron castings because there were no facilities for production of pig iron before 1957.

^d Including 13.4 million metric tons made in "small blast furnaces," of which 6.5 million metric tons was usable for steelmaking.

^e Including small quantities of foreign-produced pig iron returned to furnaces.

^f Including data for West Berlin, for which separate data are not available.

^g Data may include some electric-furnace ferroalloys.

^h Excluding ferroalloys.

ⁱ Data are for 1967.

SECRET

89

ORES AND METALS

SECRET

Table 94

Production of Iron Ore ^a
1955, 1960, and 1963-68

	Million Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	209*	218*	195*	215*	220*	217*	205*	220*
US ^c	104.65*	89.04*	73.49*	82.68*	89.18*	92.16*	85.55*	87.34*
COMMUNIST COUNTRIES ^d								
USSR and Eastern Europe...	78.8*	115*	149*	156*	165*	173*	181*	189*
USSR.....	71.86*	105.86*	137.50*	145.86*	153.43*	160.30*	168.25*	177.00*
Eastern Europe.....	6.95*	9.34*	11.4*	10.6*	12.0*	13.0*	12.7*	12.3*
Bulgaria.....	0.11*	0.42*	0.66*	0.72*	1.80*	2.60*	2.50*	2.64*
Czechoslovakia.....	2.49*	3.12*	3.41*	2.85*	2.45*	2.24*	1.91*	1.56*
East Germany.....	1.66*	1.64*	1.66*	1.63*	1.63*	1.72*	1.68*	1.70*
Hungary.....	0.35*	0.52*	0.73*	0.78*	0.76*	0.75*	0.72*	0.66*
Poland.....	1.70*	2.18*	2.61*	2.68*	2.86*	3.05*	3.10*	3.10*
Rumania.....	0.64*	1.46*	2.29*	1.93*	2.48*	2.68*	2.80*	2.64*
Far East								
Communist China.....	9.60*	56.43	20.44	22.50	24.83	31.10	28.00	31.10
North Korea.....	0.14*	3.11*	3.86*	4.00* ^e	4.96* ^f	5.00*	5.46	5.50
North Vietnam.....	N.A.	0.02*	0.07*	0.25	0.40	0.30	N.A.	N.A.
Other								
Albania ^g	0*	0.26*	0.26*	0.34*	0.39*	0.42	N.A.	N.A.
Yugoslavia.....	1.40*	2.20*	2.30*	2.31*	2.50*	2.49*	2.58*	2.72*

Other NATO Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Belgium.....	0.11*	0.16*	0.08*	Greece.....	0.19*	0.30*	0.30*	Portugal.....	0.19*	0.29*	0.21*
Canada ^h	14.77*	19.55*	43.72*	Italy.....	1.38*	1.25*	0.80*	Turkey.....	0.43*	0.79*	1.55* ⁱ
Denmark.....	0.12*	0.07*	0.03* ^j	Luxembourg...	7.20*	6.98*	6.42*	UK ^k	16.44*	17.36*	13.93*
France.....	50.26*	66.91*	55.07*	Norway ^l	1.26*	1.58*	3.70*	West Germany ^l	11.86*	14.18*	6.44* ^m

Other Free World Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Austria.....	2.84*	3.54*	3.48*	Japan ⁿ	1.56*	2.85*	2.17*	Sweden ^o	17.35*	21.69*	32.74*
India.....	N.A.*	16.61*	26.58*	Spain.....	3.71*	5.49*	6.05*	Venezuela.....	8.44*	19.49*	15.44*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for the gross amount of marketable iron ores in the state in which they leave the mines, including manganiferous ores but excluding pyrites.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The metal content of the ore in the NATO countries and other Free World countries follows: Luxembourg and the UK, 27 to 30 percent; Austria, Belgium, France, and West Germany, 31 to 34 percent; Greece, Italy, Portugal, Spain, and the US, 46 to 50 percent; Canada and Japan, 55 percent; Turkey, 55 to 60 percent; Sweden, 61 percent; and India, Norway, and Venezuela, 57 to 62 percent. The metal content of iron ore in Denmark is not available.

^c Excluding manganiferous iron ore containing 5 percent or more of manganese.

^d The metal content of the ore in selected Communist countries follows: the USSR, in terms of dressed ore, 55 percent of the ore; Communist China, 20 to 50 percent; North Korea, 40 to 50 percent; Albania, 50 to 55 percent (1 percent nickel); Bulgaria, 38 to 50 percent; Czechoslovakia, 34 percent; East Germany, 25 to 30 percent; Hungary, 24 to 28 percent; Poland, 30 percent; Rumania, 32 to 40 percent; Yugoslavia, 40 percent; and North Vietnam, 55 percent.

^e Plan data.

^f Based on an announced increase for 1965 of 24 percent applied to 1964 plan data.

^g Iron-nickel ore that is mined for its nickel content.

^h Shipments.

ⁱ Data are for 1967 and are included in the NATO total for 1968.

^j Data are for concentrates only and exclude titaniferous ores.

^k Excluding certain grades.

^l Merchant ores and concentrates.

^m Including data for West Berlin, for which separate data are not available.

ⁿ Including iron sand and pyrites.

^o Including concentrates.

SECRET

ORES AND METALS

Table 95

Production of Manganese Ore ^a
1955, 1960, and 1963-68

Thousand Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	396*	189*	89*	117*	107*	101*	106*	N.A.*
US ^c	261*	73*	10*	24*	27*	13*	11*	N.A.*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	5,590*	6,350*	7,200*	7,500*	8,040*	7,540*	7,660*	N.A.
USSR.....	4,743*	5,872*	6,663*	7,096*	7,576*	7,100*	7,175*	7,300
Eastern Europe.....	843*	477*	535*	407*	461*	442*	485*	N.A.
Bulgaria.....	63*	25*	38*	52*	42*	30*	44*	N.A.
Czechoslovakia.....	260*	154*	85*	84*	80*	90*	80*	N.A.
Hungary.....	130*	123*	152*	171*	213*	210*	209*	N.A.
Rumania.....	390*	175*	260*	100*	126*	112*	152*	N.A.
Far East								
Communist China.....	196	708	281	372	312	375	340	375
Other								
Cuba.....	258* ^d	16* ^e	81*	85	120	115	N.A.	N.A.
Yugoslavia.....	11*	13*	8*	8*	8*	9*	10*	14*
Other NATO Countries								
	1955	1960	1967		1955	1960	1967	
Greece.....	25*	31*	15*	Portugal...	4*	7*	10*	Turkey.....
Italy.....	57*	49*	47*					50*
								28*
								23*
Other Free World Countries								
	1955	1960	1967		1955	1960	1967	
Brazil.....	213*	999*	1,132*	India.....	1,609*	1,199*	1,599*	South Africa....
Congo (Kinshasa).	462*	382*	279*	Japan.....	202*	324*	340*	589*
								1,194*
								1,751*

* An asterisk indicates that the data are unclassified.

^a The metal content of the ore of the various countries is as follows: the US, more than 35 percent; other Free World countries and Cuba, 30 to 53 percent; the USSR, about 45 percent; Communist China and Yugoslavia, about 35 percent; Rumania, 30 percent; Czechoslovakia, less than 30 percent; Bulgaria, about 27 percent; and Hungary, 26 percent.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Shipments.

^d Exports.

^e US imports.

SECRET

91

ORES AND METALS

SECRET

Table 96

Production of Refined Nickel ^a
1955, 1960, and 1963-68

								Metric Tons			
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	145,000*	205,000*	197,000*	206,000*	229,000*	219,000*	228,000*	N.A.*			
US ^c	3,454*	12,975*	10,371*	11,054*	12,256*	12,008*	13,259*	N.A.*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	46,100	72,200	93,200	97,100	100,000	107,000	115,000	N.A.			
USSR.....	46,000	72,000	93,000	97,000	100,000	107,000	115,000	124,000			
Eastern Europe.....	130	222	190	125	50	0	0	N.A.			
East Germany.....	130	222	190	125	50	0	0	N.A.			
Far East											
North Korea.....	0*	200*	320*	320*	N.A.	N.A.	N.A.	N.A.			
Other											
Cuba ^d	13,733*	14,700	19,800	22,900	28,200	27,900	32,000	N.A.			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Canada ^e	90,718*	114,735*	132,000*	Italy.....	60*	500*	350* ^f	UK.....	24,700*	34,300*	38,600*
France ^g	5,750*	10,016*	12,737*	Norway..	18,498*	30,428*	28,159*	West Ger-			
Greece.....	N.A.*	N.A.*	2,467*					manv... manv...	2,308*	2,523*	337*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for refined metal.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Nickel recovered from refined domestic ore and nickel recovered as a byproduct of electrolytic refining of copper. Secondary nickel produced from nonferrous scrap is excluded.

^d Nickel content of oxides and sulfides.

^e Production of nickel in all forms for Canada (refined nickel, nickel in oxide produced, and recoverable nickel in matte exported) follows (in metric tons): for 1955, 158,690; for 1960, 194,600; for 1963, 198,700; for 1964, 207,300; for 1965, 235,100; for 1966, 202,900; and for 1967, 227,000. Much of this production is exported for refining in other countries, especially the UK and Norway.

^f Excluding data for New Caledonia.

^g Data are for 1964 and are included in the NATO totals for 1965-67.

SECRET

ORES AND METALS

Table 97

Production of Chromite *
1955, 1960, and 1963-68

Thousand Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	378*	279*	144*	203*	261*	295*	344*	N.A.*
US ^c	56.0*	37.4* ^d	Negl.*	Negl.*	Negl.*	Negl.*	Negl.*	Negl.*
COMMUNIST COUNTRIES ^e								
USSR.....	304.0	519.5	658.8	690.0	735.0	800.0	830.0	867.0
North Vietnam.....	0	19.4*	30.3*	29.0	15.0	Negl.	Negl.	Negl.
Albania.....	54.9	130.1*	132.1*	137.5*	139.5	135.9	N.A.	N.A.
Cuba.....	27.8*	10.0* ^f	17.6	11.5	14.4	13.1	N.A.	N.A.
Yugoslavia.....	31.2*	25.4*	24.4*	23.0*	20.8*	14.1*	12.3*	11.8*
Other NATO Countries								
	1955	1960	1967	1955	1960	1967		
Greece.....	10.1*	20.6*	22.5*	Turkey....	311.6*	220.7*	321.6*	

* An asterisk indicates that the data are unclassified.

▪ Estimated chromic oxide (Cr₂O₃) content of ores mined. In many instances, data are only approximate.^b NATO totals include only data for the US, Greece, and Turkey.^c Shipments.^d Production for the Federal Government only.

^e The following percentages were used to reduce the estimates of ores mined in the Communist countries to show the chromic oxide content: USSR, a part at 35 percent and the remainder at 40 percent; North Vietnam, at 50 percent; Albania, at 45 percent; Cuba, at 35 percent; and Yugoslavia, at about 26 percent.

^f US imports.

SECRET

93

ORES AND METALS

SECRET

Table 98

Production of Molybdenum ^a
1955, 1960, and 1963-68

								Metric Tons			
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	28,600*	31,500*	30,100*	30,500*	39,700*	50,600*	50,400*	53,800*			
US.....	28,023*	30,952*	29,488*	29,758*	35,095*	41,065*	40,338*	42,640*			
COMMUNIST COUNTRIES											
USSR.....	2,820	4,800	6,370	6,700	7,300	7,600	8,000	8,500			
Far East											
Communist China.....	1,250	3,800	1,300	1,300	1,000	1,000	1,000	1,000			
North Korea.....	100.	160	200*	210*	N.A.	N.A.	N.A.	N.A.			
Other NATO Countries											
	1955	1960	1968	1955	1960	1968					
Canada ^c	378*	348*	10,890*	Norway.....	172*	246*	259* ^d				
Other Free World Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Chile.....	1,278*	1,852*	4,540*	Japan.....	199*	381*	253* ^e	Peru.....	0*	Neql.*	910*

* An asterisk indicates that the data are unclassified.

^a Molybdenum content of ores and concentrates.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Shipments.^d Data are for 1967 and are included in the NATO total for 1968.^e Data are for 1967.

Table 99

Production of Cobalt ^a
1955, 1960, and 1963-68

	Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
FREE WORLD COUNTRIES								
Canada ^b	1,505*	1,618*	1,372*	1,444*	1,655*	1,593*	1,689*	1,810*
Congo (Kinshasa) ^c	8,567*	8,222*	7,376*	7,676*	8,388*	11,297*	9,715*	9,980*
Morocco.....	757*	1,271*	1,371*	1,678*	1,832*	1,994*	1,928*	1,910*
Zambia ^c	672*	1,847*	706*	1,425*	1,544*	1,515*	1,455*	1,090*
COMMUNIST COUNTRIES ^d								
USSR.....	935	1,640	2,520	2,600	3,400	3,800	4,000	4,200

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for the cobalt content of ores mined.^b Including metal, salts, and oxides recovered from smelter products and residues exported.^c Cobalt content of alloys.^d Bulgaria reportedly began production of cobalt concentrates in 1956, but there has been no further confirmation. Communist China is believed to be producing a negligible amount of cobalt concentrates.

SECRET

ORES AND METALS

Table 100

Production of Tungsten Ore *
1955, 1960, and 1963-68

Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	22,500*	10,300*	6,750*	11,000*	11,700*	13,200*	10,600*	N.A.*
US ^c	14,889*	6,645*	5,132*	8,386*	7,211*	8,085*	8,245*	N.A.*
COMMUNIST COUNTRIES								
USSR.....	7,500	11,400	13,100	13,600	14,000	14,000	14,000	14,000
Far East								
Communist China.....	20,000	29,000	18,000	15,000	15,000	14,000	12,000	12,000
North Korea.....	1,864*	3,000*	4,000	4,200*	N.A.	N.A.	N.A.	N.A.
Other NATO Countries								
	1955	1960	1967		1955	1960	1967	
Canada.....	1,468*	N.A.*	N.A.* ^d	Italy.....	27*	7*	1*	UK.....
France.....	1,379*	683*	0*	Portugal.....	4,647*	2,917*	2,315*	73* 0* 0*
Other Free World Countries								
	1955	1960	1967		1955	1960	1967	
Australia....	2,508*	1,882*	2,010*	Congo (Kinshasa) ^f ..	1,572* ^g	575*	111*	Spain.....
Bolivia ^e	5,384*	2,150*	3,331*	South Korea.....	3,408*	5,734*	4,256*	1,568* 934* 158*
Burma ^f	2,655*	944*	191*					Thailand..
								1,240* 442* 929*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for the estimated tonnage of tungsten concentrates, 60 percent tungsten trioxide (WO₃) basis.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Shipments.^d Production was discontinued in December 1966 and resumed in December 1967.^e Exports.^f Including WO₃ in tin-tungsten concentrates.^g Including data for Rwanda and Burundi.

SECRET

95

ORES AND METALS

SECRET

Table 101

Production of Gold *
1955, 1960, and 1963-68

Million US \$

	1955	1960	1963	1964	1965	1966	1967	1968
FREE WORLD COUNTRIES								
US.....	65.7*	58.8*	51.4*	51.4*	58.6*	63.1*	53.4*	56.0*
Australia.....	36.7*	38.0*	35.8*	33.7*	30.7*	32.0*	28.0*	28.1*
Canada.....	159.0*	162.0*	139.0*	133.0*	125.6*	114.6*	103.7*	94.1*
Colombia.....	13.3*	15.2*	11.4*	12.8*	11.2*	9.8*	9.0*	8.4*
Congo (Kinshasa).....	12.9*	11.1*	7.9*	7.8*	2.3*	5.6*	5.4*	5.3*
Ghana.....	24.0*	30.8*	32.2*	30.3*	26.7*	24.0*	26.7*	25.4*
India.....	7.4*	5.6*	4.8*	5.2*	4.6*	4.2*	3.6*	4.0*
Japan.....	10.1*	11.8*	15.1*	16.1*	18.1*	19.4*	23.7*	21.5*
Mexico.....	13.3*	10.5*	8.3*	7.4*	7.6*	7.5*	6.4*	5.2*
Nicaragua.....	9.0*	6.9*	7.1*	6.9*	5.4*	5.2*	5.2*	N.A.*
Peru.....	6.0*	4.9*	3.5*	3.0*	3.7*	3.9*	N.A.*	N.A.*
Philippines.....	14.7*	14.4*	13.2*	14.9*	15.4*	15.9*	17.2*	17.6*
Rhodesia.....	18.4*	19.7*	19.8*	20.1*	19.0*	19.3*	18.0*	N.A.*
South Africa.....	511.0*	748.4*	960.6*	1,018.9*	1,069.0*	1,080.8*	1,061.6*	1,088.0*
COMMUNIST COUNTRIES								
USSR.....	101	124	153	164	176	188	200	211
Communist China.....	N.A.	35.0	24.5	24.5	24.5	24.5	22.0	24.5
Czechoslovakia.....	1.3	2.3	2.6	2.6	2.6	2.7	2.7	2.7
Rumania.....	3.7	12.8	14.7	15.0	17.0	20.0	25.0	26.0

* An asterisk indicates that the data are unclassified.

* Based on a value of \$35 per troy ounce.

SECRET

ORES AND METALS

Table 102

Production of Refined Copper ^a
1955, 1960, and 1963-68

	Thousand Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	2,410*	2,850*	2,900*	3,090*	3,290*	3,320*	2,790*	3,220*
US ^c	1,436.1*	1,642.6*	1,722.2*	1,821.1*	1,956.7*	1,997.4*	1,396.7*	1,681.2*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	442 ^d	587	762*	831*	906*	968*	1,070*	1,160
USSR.....	377.0*	490.0*	640.0*	700.0*	772.0*	828.0*	915.0*	992.0*
Eastern Europe.....	64.6 ^d	97.2	122*	131*	134*	140*	160*	170
Bulgaria.....	3.8* ^e	14.0*	20.0*	20.6*	23.9*	25.7*	33.5*	36.0*
Czechoslovakia.....	5.0*	10.1*	12.3*	12.3*	12.3*	12.3*	12.3*	12.3*
East Germany.....	33.3	39.2	40.0*	40.0*	40.0*	40.2*	40.2*	40.2*
Hungary.....	7.8*	8.2*	11.6*	12.2*	11.3*	12.7*	13.1*	11.5*
Poland.....	15.7*	21.7*	29.6*	36.6*	37.3*	39.8*	42.2*	43.6*
Rumania.....	2.8	4.0	8.6*	9.0*	9.0*	9.0*	18.6*	26.0
Far East								
Communist China.....	15.0*	90.0	96.0	96.0	96.0	120.0	N.A.	N.A.
North Korea.....	1.8*	8.5*	14.0*	16.0*	18.0*	19.0*	21.0*	21.0*
Other								
Albania ^e	0.9*	0.9*	2.0*	2.2*	4.7	5.2	5.8	8.9
Yugoslavia.....	24.8*	35.1*	49.0*	51.9*	56.4*	62.9*	66.2*	70.1*

Other NATO Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Belgium.....	156.9*	211.8*	344.9*	Italy.....	26.9*	15.6*	17.5*	Turkey.....	8.5*	11.7*	8.1*
Canada.....	262.5*	378.2*	475.6*	Norway....	10.8*	17.1*	18.2*	UK.....	230.8*	218.9*	197.7*
France.....	19.3*	40.2*	34.2*	Portugal... Negl.*	5.3*	3.3*		West Germany.	260.2*	309.1*	434.3* ^f

Other Free World Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Chile.....	240.7*	225.6*	351.0*	India.....	7.4*	8.9*	9.2*	Zambia.....	179.9*	402.6*	550.8*
Congo (Kinshasa).	114.8*	144.7*	161.0*	Japan.....	113.3*	248.1*	548.4*				

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for primary and secondary refined copper produced from domestic and imported ores and scrap.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including production from secondary plants and copper refined by manufacturers for their own use.^d Bulgarian data for 1955 are excluded from the totals because they refer to blister copper rather than refined metal.^e Blister copper.^f Including data for West Berlin, for which separate data are not available.

SECRET

97

ORES AND METALS

SECRET

Table 103

Production of Primary Aluminum
1955, 1960, and 1963-68

								Thousand Metric Tons			
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES *.....	2,400*	3,210*	3,610*	4,020*	4,270*	4,620*	4,980*	5,140*			
US.....	1,420*	1,828*	2,098*	2,316*	2,499*	2,692*	2,964*	2,952*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	538	793	1,050	1,150	1,230	1,430	1,610	1,830			
USSR.....	430*	630	855	945	1,025	1,160	1,295	1,480			
Eastern Europe.....	108	163*	193*	206	206	267	319	351			
Czechoslovakia.....	24*	52*	56*	56*	56*	60*	60*	60*			
East Germany.....	27	35*	35*	45	45	45	52	58			
Hungary.....	37*	50*	55*	57*	58*	60*	62*	63*			
Poland.....	20*	26*	47*	48*	47*	55*	92*	94*			
Rumania.....	0*	0*	0*	0*	0*	47* ^b	53* ^b	76* ^b			
Far East											
Communist China.....	10	80	85	100	115	125	120	140			
Other											
Yugoslavia.....	12*	25*	36*	35*	39*	42*	45*	48*			
Other NATO Countries											
	1955	1960	1968		1955	1960	1968				
Canada.....	556*	691*	907*	Italy.....	62*	84*	142*	UK.....	25*	29*	38*
France.....	129*	238*	366*	Norway ^c	72*	171*	474*	West Germany..	137*	169*	258* ^d
Other Free World Countries											
	1955	1960	1968		1955	1960	1968				
India.....	7*	18*	120*	Japan.....	58*	133*	482*				

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Primary aluminum and aluminum alloys.^c Including the pure content of virgin alloys.^d Including data for West Berlin, for which separate data are not available.

SECRET

ORES AND METALS

Table 104

Production of Bauxite
1955, 1960, and 1963-68

Thousand Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^a	4,140*	5,300*	5,130*	5,370*	5,870*	6,230*	6,270*	6,560*
US.....	1,817*	2,030*	1,549*	1,627*	1,681*	1,825*	1,681*	1,727*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	3,980*	4,390	5,810	6,040	6,350	6,660	7,300	7,570
USSR ^b	2,700*	3,110	4,440	4,560	4,860	5,220	5,460	5,370
Eastern Europe.....	1,280*	1,280*	1,370*	1,480*	1,490*	1,440*	1,850*	2,200*
Hungary.....	1,241*	1,190*	1,362*	1,477*	1,478*	1,429*	1,649*	1,946*
Rumania.....	37*	88*	10*	7*	12*	15*	200*	250*
Far East								
Communist China ^c	80	640	680	800	920	1,000	960	1,120
Other								
Yugoslavia.....	791*	1,025*	1,285*	1,293*	1,574*	1,887*	2,131*	2,134*

Other NATO Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
France.....	1,494*	2,068*	2,794*	Italy.....	327*	313*	216*	West Germany.	4*	4*	3* ^d
Greece.....	500*	884*	1,800*	Turkey.....	0*	0*	21* ^d				

Other Free World Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Guyana.....	2,474*	2,511*	3,658*	Jamaica.....	2,687*	5,837*	9,348*	Surinam.....	3,123*	3,455*	5,588*

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Excluding nonbauxite ore such as nepheline and alunite for the production of alumina.^c Data are for aluminous shales and clays used for the manufacture of aluminum and exclude shales exported and those used for refractories, abrasives, and cement.^d Data are for 1967 and are included in the NATO total for 1968.

SECRET

99

ORES AND METALS

SECRET

Table 105

Smelter Production of Lead ^a
1955, 1960, and 1963-68

							Thousand Metric Tons				
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	882*	844*	834*	872*	915*	939*	941*	1,000*			
US ^c	434.5*	346.9*	358.1*	407.7*	379.4*	399.8*	344.6*	423.6*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	325	436	509	576	608*	647*	702*	737*			
USSR.....	258.0*	324.0*	385.0*	408.0*	433.0*	463.0*	495.0*	528.0*			
Eastern Europe.....	67.3	112	124	168	175*	184*	207*	209*			
Bulgaria.....	5.1*	40.4*	51.0*	87.0*	93.4*	92.8*	96.6*	93.0*			
Czechoslovakia.....	8.0*	9.1*	10.0*	15.0*	14.6*	14.6*	14.6*	14.6*			
East Germany.....	8.9	10.4	11.6	12.0	12.5*	12.5*	12.5*	12.5*			
Hungary.....	<i>Negl.</i>	0.5	0.5	0.5	0.5*	0.5*	0.5*	0.5*			
Poland ^d	34.2*	39.7*	38.9*	41.5*	41.4*	43.5*	44.0*	49.8*			
Rumania ^d	11.1*	12.0*	12.0*	12.0*	12.2*	20.0*	39.0*	39.0*			
Far East											
North Korea.....	9.4	34.0	47.0*	51.0*	54.0*	57.0*	61.0*	61.0*			
Other											
Yugoslavia.....	75.6*	89.1*	104.2*	101.1*	101.5*	97.5*	93.9*	94.8*			
Other NATO Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Belgium ^e	82.8*	92.7*	110.0*	Greece.....	2.5*	3.1*	3.6* ^f	Turkey.....	1.6*	0.5*	1.2* ^f
Canada.....	135.9*	144.0*	183.6*	Italy.....	42.5*	41.6*	57.6*	UK.....	6.2*	1.1*	<i>Negl.</i> *
France.....	66.6*	74.4*	100.4*	Portugal....	2.0*	0.9*	1.1* ^f	West Germany.	107.6*	139.2*	120.0*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for smelter production of lead produced from domestic and imported ores and concentrates, excluding all metal produced from scrap (secondary metals).^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Excluding refined lead produced from imported base bullion.^d Probably including some secondary metal.^e Including secondary metal.^f Data are for 1967 and are included in the NATO total for 1968.

SECRET

ORES AND METALS

Table 106

Production of Refined Zinc ^a
1955, 1960, and 1963-68

							Thousand Metric Tons				
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	1,900*	1,850*	1,920*	2,090*	2,200*	2,280*	2,160*	2,360*			
US ^c	934.0*	787.7*	864.4*	930.5*	978.0*	1,005.3*	917.1*	982.9*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	394	575	682	710	793	861	933	1,010*			
USSR ^d	222.0*	364.0*	419.0*	436.0*	504.0*	551.0*	610.0*	678.0*			
Eastern Europe.....	172	211	263	274	289	310	323	330*			
Bulgaria.....	1.4*	16.9*	56.0*	58.6*	65.8*	76.8*	73.9*	75.0*			
Czechoslovakia.....	1.3*	2.0*	3.0*	3.0*	3.0*	3.0*	3.0*	3.0*			
East Germany ^e	3.2	4.1	10.0	13.0	14.0	13.8	13.8	13.8*			
Hungary.....	N.A.	0.4*	0.4*	0.4*	0.4*	0.4*	0.4*	0.4*			
Poland.....	156.2*	175.5*	181.2*	186.9*	190.4*	193.0*	196.1*	202.5*			
Rumania.....	10.0*	12.5	12.5	12.5	15.4*	23.1*	35.5*	35.5*			
Far East											
North Korea.....	0*	55.0*	71.0*	75.0*	80.0*	84.0*	88.0*	88.0*			
Other											
Yugoslavia.....	13.8*	35.9*	42.2*	44.5*	46.1*	51.1*	53.2*	79.0*			
Other NATO Countries											
	1955	1960	1968		1955	1960	1968				
Belgium.....	211.9*	247.6*	247.0*	Italy.....	73.6*	85.2*	109.0*	UK.....	82.7*	75.5*	140.0*
Canada.....	233.7*	238.2*	379.0*	Netherlands...	28.4*	36.1*	42.0*	West Germany.	180.0*	191.9*	198.0*
France.....	109.1*	146.4*	207.0*	Norway.....	45.5*	43.6*	60.0*				
Other Free World Countries											
	1955	1960	1968		1955	1960	1968				
Japan.....	112.5*	180.5*	590.0*	Mexico.....	56.1*	52.9*	73.0*				

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for electrolytic and distilled (including redistilled) zinc produced from domestic and imported ores and scrap and other secondary materials.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including production from secondary smelters. Production of primary zinc in the US was as follows (in metric tons): 1955, 874,100; 1960, 725,300; 1963, 809,700; 1964, 865,500; 1965, 902,100; 1966, 929,900; 1967, 851,700; and 1968, 896,300.^d Primary metal only, representing slightly less than 80 percent of total production.^e Annual production consists of zinc produced from ore except for approximately 3,000 metric tons in 1955 and 4,000 metric tons annually for 1960 and 1963-68.

SECRET

101

ORES AND METALS

SECRET

Table 107

Smelter Production of Primary Tin Metal •
1955, 1960, and 1963-68

						Thousand Metric Tons					
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	89.3*	56.8*	34.0*	44.6*	44.6*	41.4*	47.3*	43.0*			
US ^c	22.7*	13.7*	1.5*	4.0*	3.1*	3.9*	3.1*	3.6*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	8.2	11.4	13.9	14.6	15.2	16.4	18.0	18.3			
USSR.....	7.6	10.6	12.7	13.4	14.0	15.2	16.7	17.0			
Eastern Europe.....	0.6	0.8	1.2*	1.2*	1.2*	1.2*	1.3*	1.3*			
East Germany.....	0.6	0.8	1.2*	1.2*	1.2*	1.2*	1.3*	1.3*			
Far East											
Communist China.....	20.0	28.0	16.0	11.0	11.0	11.0	8.0	9.0			
North Vietnam.....	0.1	0.5*	0.6	0.5	N.A.	N.A.	N.A.	N.A.			
Other NATO Countries											
	1955	1960	1968		1955	1960	1968				
Belgium.....	10.6*	8.4*	4.7*	Portugal....	1.0*	0.6*	0.6*	West Germany...	0.3*	0.8*	1.5*
Netherlands....	27.0*	6.5*	7.3*	UK.....	27.7* ^d	26.8*	25.2*				
Other Free World Countries											
	1955	1960	1968		1955	1960	1968		1955	1960	1968
Japan.....	0.9*	1.2*	2.0*	Malaysia....	71.8*	77.6*	88.0*	Nigeria.....	0*	0*	10.0*

* An asterisk indicates that the data are unclassified.

• Unless otherwise indicated, data are for primary (virgin) metal and exclude tin derived from scrap or detinning.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Estimated data based on imports of tin concentrates.^d Including some secondary tin metal.

SECRET

ORES AND METALS

Table 108

Production of Primary Magnesium ^a
1955, 1960, and 1963-68

Thousand Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	79.2*	64.9*	107*	115*	124*	121*	136*	139*			
US.....	55.5*	36.4*	68.8*	72.1*	73.8*	72.4*	88.4*	90.7*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	12.0	25.3	39.3	47.0	66.5	71.0	76.0	84.0			
USSR.....	12.0	25.0	39.0	47.0	66.5	71.0	76.0	84.0			
Hungary ^c	0*	0.3*	0.3*	N.A.	N.A.	N.A.	N.A.	N.A.			
Other NATO Countries											
	1955	1960	1968		1955	1960	1968		1955	1960	1968
Canada.....	7.0*	6.6*	7.9*	Italy.....	2.9*	5.4*	6.8*	UK ^d	5.5*	3.7*	0* ^e
France.....	1.5*	2.1*	4.5*	Norway.....	6.7*	10.3*	29.0*	West Germany.	0.1* ^d	0.3*	0.2* ^f

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for primary (virgin) metal in ingots and ingot equivalent of other forms.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Plan data.^d Including remelt alloys.^e Production suspended in June 1966. Remelt alloy production in 1967 is estimated to have been 3,800 metric tons.^f Data are for 1967 and are included in the NATO total for 1968.

Table 109

Production of Titanium Sponge Metal ^a in the US and the USSR
1955, 1960, and 1963-68

Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968
US.....	6,711*	4,818*	7,148*	7,800* ^b	8,100* ^b	15,000* ^b	18,000* ^b	N.A.*
USSR.....	1,000	3,000	6,000	7,000	9,000	11,000	13,000	15,000

* An asterisk indicates that the data are unclassified.

^a Raw titanium in the form of sponge metal produced by the Kroll method from rutile or ilmenite concentrates.^b Based on reports from various trade publications.

SECRET

103

CONSUMER GOODS

ALL DATA IN THESE TABLES ARE UNCLASSIFIED

Table 110

Production of Footwear ^a in the US and the USSR
1955, 1960, and 1963-68

	Million Pairs							
	1955	1960	1963	1964	1965	1966	1967	1968
US.....	585.4	600.0	604.3	612.8	629.1	641.7	600.0	646.2
USSR.....	271.2	419.3	462.7	474.7	486.0	522.0	561.0	597.0

^a Shoes and slippers.

Table 111

Production of Woven Cotton Fabrics ^a in Selected Free World and Communist Countries
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Free World Countries									
US.....	Million linear meters....	9,304	8,564	7,993	8,354	8,469	8,107	7,556	6,814
Canada ^b ^c ^d	Million linear meters....	287	240	290	302	306	247	252	250
India ^e	Million linear meters....	6,277	6,629	7,299	7,720	7,643	7,336	7,277	7,350
Japan ^b	Million square meters....	2,351	3,221	2,938	2,965	3,013	2,913	2,825	2,743
Pakistan ^e ^f	Million linear meters....	414	575	668	694	658	644	705	716
Turkey ^e	Million linear meters....	272	384	547	555	781	640	694	781
UK ^e	Million linear meters....	1,629	1,183	927	946	928	837	681	619
Communist Countries									
USSR ^b ^e	Million linear meters....	5,904	6,387	6,619	6,976	7,077	7,238	7,414	7,662
Bulgaria ^b	Million linear meters....	132	218	251	269	291	299	307	319
Czechoslovakia....	Million linear meters....	356	464	484	480	500	518	515	510
East Germany.....	Million square meters....	201	254	267	250	244	244	247	N.A.
Hungary ^b	Million square meters....	220	255	275	293	305	317	324	295
Poland ^b	Million linear meters....	561	667	696	761	811	845	824	835
Rumania ^b	Million square meters....	243	248	301	302	319	339	357	374
Yugoslavia.....	Million square meters....	174	257	348	378	394	416	378	401

^a Unless otherwise indicated, data are for fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up.

^b Fabrics after undergoing finishing processes.

^c Excluding mixed fabrics.

^d Factory shipments.

^e Mill and decentralized sector production.

^f Mill production only. Data include finished fabrics.

ALL DATA IN THESE TABLES ARE UNCLASSIFIED
CLASSIFIED MATERIAL ON THE REVERSE

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

CONSUMER GOODS

Table 112

Production of Woven Woolen Fabrics ^a in Selected Free World and Communist Countries
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Free World Countries									
US.....	Million linear meters....	290	262	260	233	244	242	218	227
Australia ^b	Million square meters....	23	25	24	20	20	20	18	20
Canada ^c ^d	Million linear meters....	21	14	15	15	15	14	12	13
India ^e	Million linear meters....	8	8	18	12	10	9	9	11
Japan ^f	Million square meters....	155	316	356	350	341	345	377	385
Netherlands.....	Million square meters....	N.A.	68	71	72	67	69	58	N.A.
Turkey ^g	Million linear meters....	6	10	24	24	24	26	27	30
UK.....	Million square meters....	343	307	272	272	270	253	246	246
Communist Countries									
USSR ^c ^g	Million linear meters....	252	342	370	372	365	398	427	456
Bulgaria ^e	Million linear meters....	11	19	19	19	20	22	22	23
Czechoslovakia....	Million linear meters....	39	46	46	43	44	45	46	46
East Germany.....	Million square meters....	32	48	39	37	38	39	38	35
Hungary ^e	Million square meters....	26	27	29	30	29	31	33	30
Poland ^e	Million linear meters....	76	79	84	90	91	91	90	94
Rumania ^e	Million square meters....	31	32	38	41	41	44	50	52
Yugoslavia.....	Million square meters....	26	46	48	53	54	57	50	50

^a Unless otherwise indicated, data are for woven woolen and worsted fabrics (in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up) and for mixed woolen fabrics.

^b Twelve months ending 30 June of the stated year.

^c Fabrics after undergoing finishing processes.

^d Factory shipments.

^e Wearable fabrics produced in the mill sector only.

^f Including finished fabrics.

^g Excluding mixed fabrics.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

105

CONSUMER GOODS

ALL DATA IN THESE TABLES ARE UNCLASSIFIED

Table 113

Production of Woven Rayon and Acetate Fabrics ^a in Selected Free World and Communist Countries
1955, 1960, and 1963-68

	Unit of Measure	1955	1960	1963	1964	1965	1966	1967	1968
Free World Countries									
US.....	Million linear meters....	1,763	1,312	1,579	1,636	1,622	1,502	1,478	1,590
Canada.....	Million linear meters....	89	70	110	122	137	136	138	158
India ^b	Million linear meters....	227	550	651	835	870	853	882	958
Japan ^c	Million square meters...	1,396	1,828	1,624	1,595	1,653	1,661	1,624	1,626
UK ^b	Million linear meters....	552	564	513	558	572	564	484	469
Communist Countries									
USSR ^{b d}	Million linear meters....	474	755	921	940	897	970	1,036	1,050
Bulgaria ^{b d e}	Million linear meters....	4	11	13	15	15	17	19	19
Czechoslovakia.....	Million linear meters....	47	58	57	55	59	62	63	67
East Germany.....	Million square meters...	53	57	55	52	55	59	62	N.A.
Hungary ^d	Million square meters...	14	25	30	31	32	33	34	37
Poland ^d	Million linear meters....	80	103	94	102	103	104	114	119
Rumania ^d	Million square meters...	21	22	26	27	26	27	28	32
Yugoslavia.....	Million square meters...	12	19	21	23	24	30	27	31

^a Unless otherwise indicated, data are for pure and mixed fabrics, in the piece, before undergoing finishing processes such as bleaching, dyeing, and making up.

^b Including fabrics of noncellulosic fibers.

^c Including finished fabrics.

^d Fabrics after undergoing finishing processes.

^e Including fabrics of natural silk.

Table 114

Production of Synthetic Fibers ^a in Selected Free World and Communist Countries
1955, 1960, and 1963-68

	Thousand Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
Free World Countries								
US.....	172.0	307.2	524.4	638.1	806.0	938.4	1,058.5	1,446.0
Canada.....	5.6	17.0	26.3	29.9	38.0	45.0	47.7	N.A.
France.....	11.2	45.3	81.2	92.6	87.1	109.3	109.6	120.0
Italy.....	8.5	33.7	77.6	100.2	105.4	143.8	153.0	195.1
Japan.....	15.8	118.3	239.2	342.3	379.6	460.5	578.0	692.4
UK.....	18.4	61.0	105.4	126.4	148.0	174.8	194.1	264.0
West Germany ^b	11.5	52.3	107.8	139.9	179.3	213.4	252.2	361.1
Communist Countries								
USSR.....	8.9	15.0	42.6	56.9	77.5	96.3	115.8	129.6
Czechoslovakia.....	0.9	3.0	6.1	8.1	9.7	11.0	14.7	12.6
East Germany.....	3.4	7.8	15.6	17.1	18.9	20.6	23.7	25.8
Hungary ^c	Negl.	Negl.	1.6	1.3	2.3	3.6	4.1	4.5
Poland.....	3.5	7.8	10.5	15.2	23.2	28.9	31.9	42.4
Rumania.....	Negl.	0.9	2.5	2.4	3.3	5.5	8.0	9.3

^a Data are for noncellulosic fibers either made of natural polymers, which are based on materials such as casein or groundnuts, or made of synthetic polymers, which are based mostly on coal or petroleum. Data exclude waste, glass fibers, and rubber fibers.

^b Excluding data for the Saar, and beginning in 1964, including data for West Berlin, for which separate data are not available.

^c Data differ from those presented in the previous *Handbook* because the series has been revised to exclude spun yarn.

ALL DATA IN THESE TABLES ARE UNCLASSIFIED

SECRET

PRODUCERS' GOODS

Table 115

Production of Metalcutting Machine Tools * in the US and Selected Communist Countries
1955, 1960, and 1963-68

Thousand Units

	1955	1960	1963	1964	1965	1966	1967	1968
US.....	58.00*	42.91*	50.35*	58.71*	68.01*	80.67*	86.01*	70.32*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	176*	246*	278*	276*	285*	301*	308*	N.A.
USSR.....	117.09*	155.92*	182.74*	183.79*	185.13*	192.18*	197.64*	200.00*
Eastern Europe.....	58.6*	90.4*	94.8*	92.7*	99.4*	109*	110*	N.A.
Bulgaria.....	1.40*	3.15*	5.78*	6.88*	8.06*	9.24*	10.50*	11.76*
Czechoslovakia.....	18.49*	30.23*	27.20*	21.69*	24.33*	27.60*	29.73*	N.A.
East Germany ^b	18.56*	22.65*	21.00* ^c	19.00* ^c	19.38*	20.80*	17.86*	N.A.
Hungary.....	5.35*	7.40*	8.12*	8.56*	9.40*	10.30*	10.10*	11.20*
Poland.....	12.70*	22.50*	27.30*	29.30*	31.10*	32.60*	32.30*	31.00*
Rumania.....	2.09*	4.44*	5.45*	7.27*	7.16*	8.52*	9.69*	11.69*
Far East								
North Korea.....	0.32*	2.90*	3.33*	2.58	3.95	N.A.	N.A.	6.70
North Vietnam.....	0*	0.65*	0.54*	1.04*	0.50*	N.A.	N.A.	N.A.

* An asterisk indicates that the data are unclassified.

* Power-driven metalcutting machine tools that are not supported in the hands of an operator when in use and are designed to remove metal in the form of chips; in addition to lathes, planers, and the like, these machines include honing, lapping, grinding, electroerosion, and ultrasonic cutting machines.

^b Data differ from those presented in the previous *Handbook*, which included slotters and broaching and keyseating machines and excluded some types of grinders.

^c Estimated.

Table 116

Production of Metalforming Machine Tools * in the US and the USSR
1955, 1960, and 1963-68

Thousand Units

	1955	1960	1963	1964	1965	1966	1967	1968
US ^b	44.5*	31.3*	39.1*	39.0*	44.0*	53.6*	54.6*	70.7* ^c
USSR.....	17.1*	29.9*	34.2*	34.4*	34.6*	38.4*	41.1*	42.1*

* An asterisk indicates that the data are unclassified.

* Power-driven metalforming machine tools that are not supported in the hands of an operator when in use and are designed to press, forge, emboss, hammer, extrude, blank, spin, shear, and bend metal into shape.

^b Unless otherwise indicated, data exclude manually operated bending and forming machines, spinning lathes, and riveting, can-making, diecasting, wire-weaving, wiredrawing, knurling, and marking machines, which usually are included in the definition of metalforming machine tools by the US Department of Commerce.

^c Including manually operated vending and forming machines for which separate data are not available.

SECRET

107

PRODUCERS' GOODS

ALL DATA IN THESE TABLES ARE UNCLASSIFIED

Table 117

Production of Metallurgical Equipment ^a in Selected Communist Countries
1955, 1960, and 1963-68

	Thousand Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
COMMUNIST COUNTRIES								
USSR.....	172.1	218.3	235.6	240.6	242.3	252.2	289.9	312.0
Czechoslovakia ^b	41.7	105.1	118.2	125.3	85.5	89.6	78.7	N.A.
East Germany ^c	24.3	15.9	20.3	23.4	19.8	25.7	22.8	N.A.
Poland.....	22.9	21.7	32.4	35.0	40.1	38.3	44.0	43.1
Rumania.....	3.7	27.2	33.3	39.9	40.5	48.4	51.1	N.A.

^a Unless otherwise indicated, data are for rolling mill equipment; mechanical equipment for coke, blast, and smelting furnaces; mixers; crushers; grinding mills for ore and coal; agglomeration installations; and special hoist-transport mechanisms for metallurgical shops. Equipment for nonferrous shops is believed to be included but probably amounts to only a small percentage of the total physical volume. Data for the US are not available in terms of metric tons.

^b Beginning in 1965, data include fewer components and spare parts and are not comparable with earlier years.

^c Rolling mill equipment only.

Table 118

Production of Electric Motors ^a in Selected Communist Countries
1955, 1960, and 1963-68

	Thousand Kilowatts							
	1955	1960	1963	1964	1965	1966	1967	1968
COMMUNIST COUNTRIES								
USSR ^b	8,819	17,597	24,756	26,032	26,900	28,174	29,800	33,800
Bulgaria.....	114	919	2,074	2,583	2,864	3,154	3,461	3,663
Czechoslovakia.....	1,180	2,952	3,899	3,858	4,176	3,971	4,438	N.A.
Poland.....	1,235	2,387	3,740	4,206	4,533	4,512	4,940	5,652
Rumania.....	147	559	1,011	1,099	1,255	1,507	1,679	N.A.

^a Unless otherwise indicated, data are for alternating and direct current motors.

^b Alternating current motors of 0.25 kilowatt and over.

ALL DATA IN THESE TABLES ARE UNCLASSIFIED
CLASSIFIED MATERIAL ON THE REVERSE

SECRET

PRODUCERS' GOODS

Table 119

Production of Electric Generators * in the US and Selected Communist Countries
1955, 1960, and 1963-68

Thousand Kilowatts

	1955	1960	1963	1964	1965	1966	1967	1968
US ^b	10,584*	12,899*	14,279*	14,899*	15,451*	18,633*	23,267*	27,432*
COMMUNIST COUNTRIES								
USSR.....	4,526*	7,915*	11,838*	12,791*	14,390*	13,447*	14,575*	14,500*
Bulgaria.....	10*	29*	6*	33*	13*	10*	85*	N.A.
Czechoslovakia ^c	963*	1,391*	1,171*	1,325*	888*	2,075*	1,709*	N.A.
Hungary ^c	225	N.A.	649*	417*	416*	295*	296*	N.A.
Rumania.....	54*	83*	200*	278*	295*	310*	416*	N.A.

* An asterisk indicates that the data are unclassified.

* Turbogenerators and hydrogenerators. Production of diesel generators is believed to be negligible in most instances.

^b Shipments of units 4,000 kilowatts and larger.

^c Generators for steam and gas turbines only.

Table 120

Production of Turbines * in the US and Selected Communist Countries
1955, 1960, and 1963-68

Thousand Kilowatts

	1955	1960	1963	1964	1965	1966	1967	1968
US ^b	10,584*	12,899*	14,279*	14,899*	15,451*	18,633*	23,267*	27,432*
COMMUNIST COUNTRIES								
USSR ^c	5,571*	9,200*	11,881*	13,257*	14,625*	15,172*	14,684*	15,700*
Czechoslovakia.....	1,004*	1,555*	2,006*	1,419*	1,994*	1,363*	1,290*	N.A.
Poland ^d	19*	186*	461*	474*	471*	647*	830*	1,100*
Rumania ^c	15*	98*	25*	43*	27*	44*	95*	N.A.

* An asterisk indicates that the data are unclassified.

* Unless otherwise indicated, data are for steam and hydraulic turbines. Most production of turbines is for use in matched sets with generators for production of electric power. In addition, turbines are produced in single units for many purposes, including direct industrial drives, marine propulsion, and pipeline transmission.

^b Shipments of units 4,000 kilowatts and larger. Data are available only for turbines produced as integral units together with generators. Therefore, data for turbines and generators for the US are assumed to be the same. Some turbines are produced in single units but no data are available on this production.

^c Including a small number of gas turbines.

^d Steam turbines only.

* Steam turbines of more than 500 kilowatts only.

SECRET

109

PRODUCERS' GOODS

SECRET

Table 121

Production of Digital Computers •
1955, 1960, and 1963-68

	Units							
	1955	1960	1963	1964	1965	1966	1967	1968
Free World Countries								
United States.....	500*	1,000*	3,000*	4,000*	10,000*	15,000*	18,000*	21,000*
France.....	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*	N.A.*	500*	500*
Japan.....	0*	30*	170*	290*	320*	400*	570*	920*
UK.....	30*	70*	110*	140*	200*	250*	300*	350*
Communist Countries								
USSR.....	60	200	350	450	590	780	1,000	1,300
Czechoslovakia.....	0	0	0	0	0	3	8	15
East Germany.....	2	15	0	0	0	5	15	25
Poland.....	0	15	20	20	20	20	25	30

* An asterisk indicates that the data are unclassified.

• Estimates of this Office based on fragmentary market surveys and installations reports. No attempt has been made to standardize these units in terms of either value or computational capability. Total production of digital computers through 1968, including years not mentioned above, is as follows (in units): US, 80,000; France, 1,800; Japan, 2,700; the UK, 2,200; the USSR, 5,600; Czechoslovakia, 26; East Germany, 95; and Poland, 150.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

CONSTRUCTION

Table 122

Total Housing Construction ^a in the US and Selected Communist Countries
1955, 1960, and 1963-68

Thousand Square Meters

	1955	1960	1963	1964	1965	1966	1967	1968
US ^b	187,000	144,000	171,000	162,000	158,000	126,000	138,000	157,000
COMMUNIST COUNTRIES								
USSR	56,500	109,600	97,600	92,700	97,600	102,100	104,500	102,000
Bulgaria	2,466 ^c	2,797	2,647	2,806	2,745	2,639	2,624	2,947 ^d
Czechoslovakia ^e	1,935	2,869	3,341	3,136	3,187	3,168	3,362	3,604 ^d
East Germany ^f	2,157	4,447	4,217	4,017	3,530	3,370	3,876	3,871 ^d
Hungary	2,352	3,333	3,164	3,274	3,385	3,448	3,885	3,815 ^d
Poland	4,467 ^g	7,598	7,119	7,759	8,099	8,515	8,952	9,256 ^d
Rumania	2,904	7,007	7,194	7,592	7,599	7,628	7,919	7,300 ^d
Albania ^h	117	201	229	159	156 ^d	181 ^d	178 ^d	N.A.
Yugoslavia	1,553	3,669	5,522	6,305	6,416	6,986	7,084	N.A.

^a Total housing space, which includes living rooms, bedrooms, dining area, and auxiliary space such as bathrooms, kitchens, closets, and inside hallways.

^b Data are computed from the number of housing starts during the given years. Strictly speaking, therefore, the data on completions are more accurate for interyear comparisons than for any given year. Housing starts were converted to total floorspace by converting to square meters on the basis of varying sizes of structures.

^c Data are for 1957.

^d Estimated.

^e Living space only.

^f New and reconditioned buildings.

^g Data are for 1956.

^h Socialist sector only.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED
CLASSIFIED MATERIAL ON THE REVERSE

CONSTRUCTION

SECRET

Table 123

Production of Cement *
1955, 1960, and 1963-68

	Thousand Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES.....	120,000*	144,000*	168,000*	186,000*	188,000*	195,000*	195,000*	206,000*
US.....	52,993*	56,063*	61,609*	64,379*	65,078*	87,167*	64,449*	66,856*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	36,100*	68,400*	87,700*	94,600*	104,000*	116,000*	122,000*	126,000*
USSR.....	22,484*	45,520*	61,018*	64,934*	72,388*	80,013*	84,809*	87,500*
Eastern Europe.....	13,600*	22,900*	26,700*	29,600*	31,800*	35,600*	37,100*	39,000*
Bulgaria.....	812*	1,586*	2,205*	2,586*	2,681*	4,537*	3,358*	3,512*
Czechoslovakia.....	2,892*	5,051*	5,178*	5,493*	5,713*	6,130*	6,459*	6,493*
East Germany.....	2,971*	5,032*	5,458*	5,767*	6,087*	6,450*	7,182*	7,550*
Hungary.....	1,175*	1,571*	1,798*	2,257*	2,383*	2,601*	2,656*	2,801*
Poland.....	3,813*	6,599*	7,674*	8,761*	9,573*	10,040*	11,138*	11,600*
Rumania.....	1,936*	3,054*	4,369*	4,752*	5,406*	5,886*	6,339*	7,026*
Far East								
Communist China.....	4,500*	9,000	7,300	8,700	10,900	12,000	10,200	10,500
North Korea.....	360*	2,235*	2,530*	2,610*	2,400*	2,500*	2,500	2,500
North Vietnam.....	8*	408*	495*	648*	660*	665*	200	120
Other								
Albania.....	45*	73*	130*	128*	134*	138*	N.A.	N.A.
Cuba.....	463*	813*	810*	805	800	750	850	N.A.
Yugoslavia.....	1,572*	2,398*	2,848*	3,039*	3,102*	3,232*	3,313*	3,765*

Other NATO Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Belgium ^b ...	4,689*	4,388*	5,743*	Iceland.....	0*	73*	116* ^c	Portugal...	779*	1,202*	1,833*
Canada...	3,995*	5,338*	7,300*	Italy.....	10,781*	16,014*	29,532*	Turkey....	817*	2,038*	4,728*
Denmark...	1,259*	1,442*	2,194*	Luxembourg.	157*	210*	180* ^c	UK.....	12,714*	13,501*	17,869*
France...	10,770*	14,349*	26,424*	Netherlands.	1,101*	1,798*	3,437*	West Ger-			
Greece....	1,125*	1,649*	4,113*	Norway.....	800*	1,151*	2,304*	many...	18,183*	24,905*	33,084* ^d

Other Free World Countries

	1955	1960	1968		1955	1960	1968
India.....	4,559*	7,845*	11,904*	Japan.....	10,563*	22,537*	47,678*

* An asterisk indicates that the data are unclassified.

^a All types of hydraulic cements used in construction.

^b Excluding natural cement.

^c Data are for 1967 and are included in the NATO total for 1968.

^d Including data for West Berlin, for which separate data are not available.

SECRET

Figure 15

SELECTED AGRICULTURAL INPUTS AND OUTPUT IN THE US AND THE USSR 1955, 1960, AND 1963-68

	INVESTMENT							
	1955	1960	1963	1964	1965	1966	1967	1968†
US (billion 1955 US \$)	3.3	2.8	3.6	3.6	4.0	4.3	4.3	4.3
Structures	0.7	0.6	0.6	0.6	0.5	0.5	0.6	0.5
Producers' durable equipment	2.6	2.2	3.0	3.0	3.5	3.8	3.7	3.8
USSR (billion new rubles 1955 prices) ††	3.6	4.9	6.5	7.8	8.6	9.4	10.0	11.1
Structures †††	1.9	3.0	3.7	4.4	5.0	5.7	6.1	6.9
Producers' durable equipment †††	1.7	1.9	2.8	3.4	3.6	3.7	3.9	4.2

† Preliminary.

†† Because of the problems inherent in converting rubles to dollars, the investment data for the USSR have not been converted, inasmuch as the purpose of the data is to show general magnitude and growth, a precise conversion is not required. Data differ from those presented in the previous *Handbook* because of a Soviet redefinition of agricultural investment (see footnote a in Table 10, p. 9).

††† Estimated.

	INDEXES OF AGRICULTURAL OUTPUT 1960=100							
	1955	1960	1963	1964	1965	1966	1967	1968
US	91	100	106	105	108	107	111	113
USSR	83	100	102	116	118	128	130	135

	MINERAL FERTILIZER (nutrient content)							
	1955	1960	1963	1964	1965	1966	1967	1968
Thousand metric tons								
US	5,943	7,410	9,930	10,633	11,934	13,193	13,914	13,988
USSR	2,299	3,281	4,647	6,003	7,389	8,438	9,406	10,200

	PRODUCTION OF GRAIN							
	1955-59 ††	1960	1963	1964	1965	1966	1967	1968
Million metric tons								
US	154	181	177	164	183	183	206	201
USSR	104	93.0	92.0	120	100	140	122	135

†† Annual average.

OUTPUT

	TRACTORS IN USE (end of year)							
	1955	1960	1963	1964	1965	1966	1967	1968 ‡
Thousand units								
US (excluding steam and garden)	4,480	4,690	4,765	4,780	4,792	4,815	4,820	4,800
USSR	840	1,122	1,442	1,539	1,613	1,660	1,739	1,834

‡ Estimated.

	FARM LABOR FORCE							
	1955	1960	1963	1964	1965	1966	1967	1968
Million persons								
US	8.4	7.1	6.5	6.1	5.6	5.2	4.9	4.7
USSR	49.9	44.9	42.9	42.5	43.5	43.1	42.6	42.1

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SECRET

AGRICULTURE

Table 124

Production of Grain *
1955-59 Annual Average, 1960, and 1963-68

Million Metric Tons

	1955-59 Annual Average	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	255*	290*	300*	285*	310*	315*	342*	340*
US ^c	154*	181*	177*	164*	183*	183*	206*	201*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	145	137	135	165	149	191	175	188
USSR ^d	104*	93.0*	92.0*	120*	100*	140*	122*	135*
Eastern Europe.....	41.3	43.9	43.5	44.5	48.6	51.2	53.2	53.1
Bulgaria.....	3.59	4.04	3.85	4.46	4.59	5.86	5.83	4.60 *
Czechoslovakia.....	5.21*	5.74*	5.64*	5.26*	5.24*	5.87*	6.53*	7.30
East Germany ^f	4.93	5.60	5.03	5.42	5.99	5.19	6.45	6.00
Hungary.....	6.37*	6.86*	6.31*	6.74*	7.29*	7.36*	7.53*	7.84
Poland.....	13.2	13.1	13.5	13.0	14.8	14.7	14.9	16.5
Rumania.....	8.04	8.58	9.13	9.66	10.7	12.2	12.0	10.9 *
Far East								
Communist China ^g	180 ^h	160-165	170-185	180-190	185-195	180-195	190-200	185-195
North Korea ⁱ	3.19	3.70	3.70	N.A.	3.90	3.70	4.30	4.80
North Vietnam ^j	4.49	4.43*	4.46*	4.59*	4.79*	N.A.	N.A.	N.A.
Other								
Albania ^k	0.34*	0.22*	0.28*	0.33*	0.33*	0.38	0.50	0.48
Cuba ^l	0.42*	0.37	0.29	0.16	0.07	0.09	N.A.	N.A.
Yugoslavia.....	8.59*	10.9*	10.6*	11.7*	10.6*	13.9*	13.2*	12.0*

Other NATO Countries

	1955-59 Annual Average	1960	1968		1955-59 Annual Average	1960	1968		1955-59 Annual Average	1960	1968
Belgium.....	1.70*	1.79*	1.82*	Italy.....	14.2*	12.0*	14.6*	Portugal.....	1.65*	1.36*	1.90*
Canada.....	24.7*	25.4*	32.7*	Luxembourg...	0.09*	0.12*	0.15* *	Turkey.....	11.1*	12.2*	14.3*
Denmark.....	3.70*	4.25*	6.51*	Netherlands...	1.58*	1.73*	1.62*	UK.....	8.39*	9.47*	13.2*
France.....	19.4*	22.8*	32.0*	Norway.....	0.46*	0.60*	0.82*	West Germany.	12.2*	14.2*	17.5*
Greece.....	2.33*	2.44*	2.57*								

* An asterisk indicates that the data are unclassified.

* Unless otherwise indicated, data are for barley, corn, oats, rice, rye, and wheat where they are produced.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including sorghum for grain.^d Including miscellaneous grains and pulses.^e Excluding rice.^f Including miscellaneous grains.^g Including kaoliang, broad beans, and field peas. Tubers are included on a grain equivalent basis of 4 metric tons of tubers to 1 metric ton of grain.^h Annual average for 1957-59.ⁱ Data differ from those presented in the previous *Handbook* because the series has been revised to include buckwheat, millet, peas, all beans including soybeans, and tubers on a straight weight basis.^j Corn and rice only.^k Including buckwheat.^l Data for 1960 and later years reflect only rice production and government collections of corn. Total production is considerably higher.

SECRET

113

AGRICULTURE

SECRET

Table 125

Production of Breadgrain (Wheat and Rye)
1955-59 Annual Average, 1960, and 1963-68

Million Metric Tons

	1955-59 Annual Average	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES *	84.7*	95.2*	95.4*	102*	105*	105*	110*	113*			
US.....	30.5*	37.8*	31.8*	36.0*	36.6*	36.4*	42.0*	43.3*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	86.7	81.8	73.2	94.4	90.0	119	104	112			
USSR.....	63.8*	59.0*	51.0*	71.0*	62.0*	92.0*	74.0*	82.0*			
Eastern Europe.....	22.9	22.8	22.2	23.4	28.0	27.3	29.6	29.8			
Bulgaria.....	1.98	2.09	1.75	1.96	2.68	2.92	2.96	2.30			
Czechoslovakia.....	2.48*	2.40*	2.65*	2.70*	2.81*	3.04*	3.20*	3.89			
East Germany.....	3.16	3.30	2.72	2.92	3.34	2.85	3.60	3.30			
Hungary.....	2.33	2.12*	1.74*	2.32*	2.63*	2.43*	2.94*	3.07			
Poland.....	9.56*	9.36*	9.49	9.54	11.1	10.9	11.0	12.4			
Rumania.....	3.36*	3.55*	3.88*	3.92*	5.47*	5.16*	5.89*	4.88			
Other											
Albania.....	0.12*	0.07*	0.06*	0.13*	0.10	0.15	0.15	0.17			
Yugoslavia.....	2.69*	3.80*	4.30*	3.88*	3.62*	4.78*	4.99*	4.50*			
Other NATO Countries											
	1955-59 Annual Average	1960	1968		1955-59 Annual Average	1960	1968		1955-59 Annual Average	1960	1968
Belgium.....	0.92*	0.96*	0.93*	Italy.....	9.08*	6.90*	9.38*	Portugal.....	0.84*	0.63*	0.98*
Canada.....	12.9*	14.3*	18.0*	Luxembourg ..	0.05*	0.05*	0.06*	Turkey.....	6.82*	7.67*	9.18*
Denmark.....	0.56*	0.77*	0.59*	Netherlands...	0.83*	1.05*	0.92*	UK.....	2.79*	3.07*	3.57*
France.....	10.2*	11.4*	15.2*	Norway.....	0.03*	0.03*	0.02*	West Germany.	7.51*	8.74*	9.39*
Greece.....	1.62*	1.72*	1.52*								

* An asterisk indicates that the data are unclassified.

* NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

SECRET

AGRICULTURE

Table 126

Production of Coarse Grain (Barley, Corn, and Oats)
1955-59 Annual Average, 1960, and 1963-68

Million Metric Tons

	1955-59 Annual Average	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^a	167*	191*	200*	179*	201*	206*	226*	221*
US ^b	121*	141*	142*	125*	143*	143*	160*	152*
COMMUNIST COUNTRIES ^c								
USSR and Eastern Europe...	58.0	55.0	62.1	69.0	57.5	70.7	70.5	75.3
USSR ^d	39.7*	34.0*	41.0*	48.0*	37.0*	47.0*	47.0*	52.0*
Eastern Europe.....	18.3	21.0	21.1	21.0	20.5	23.7	23.5	23.3
Bulgaria.....	1.56	1.93	2.06	2.47	1.87	2.89	2.82	2.30
Czechoslovakia ^e	2.73*	3.34*	3.00*	2.56*	2.42*	2.83*	3.33*	3.41
East Germany.....	1.77	2.30	2.31	2.50	2.65	2.34	2.85	2.70
Hungary ^e	3.97*	4.69*	4.53*	4.38*	4.64*	4.90*	4.54*	4.77
Poland ^f	3.62	3.73	3.98	3.42	3.71	3.79	3.94	4.10
Rumania.....	4.64	4.98	5.20	5.70	5.18	6.94	6.02	5.99
Far East								
North Vietnam ^g	0.21*	0.21*	0.22*	0.27*	0.28*	N.A.	N.A.	N.A.
Other								
Albania.....	0.21*	0.14*	0.21*	0.19*	0.22	0.22	0.34	0.30
Cuba ^h	0.17*	0.10	0.09	0.04	0.02	0.02	N.A.	N.A.
Yugoslavia ⁱ	5.54*	7.06*	6.25*	7.79*	6.94*	9.08*	8.26*	7.52*

Other NATO Countries

	1955-59 Annual Average	1960	1968		1955-59 Annual Average	1960	1968		1955-59 Annual Average	1960	1968
Belgium ⁱ	0.77*	0.83*	0.89*	Italy.....	4.37*	4.48*	4.57*	Portugal.....	0.64*	0.58*	0.76*
Canada.....	11.7*	11.1*	14.7*	Luxembourg ^j ..	0.04* ^j	0.06*	0.09* ^k	Turkey.....	4.17*	4.34*	4.94*
Denmark ^l	3.14*	3.48*	5.92*	Netherlands ⁱ ..	0.75*	0.68*	0.71*	UK ⁱ	5.60*	6.40*	9.63*
France.....	9.11*	11.3*	16.7*	Norway ⁱ	0.43*	0.57*	0.80*	West Germany.	4.71* ⁱ	5.44* ⁱ	8.15*
Greece.....	0.66*	0.66*	0.96*								

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^b Including sorghum for grain, which amounted to 18.8 million metric tons in 1968.

^c Unless otherwise indicated, data include miscellaneous grains.

^d Including pulses.

^e Excluding miscellaneous grains.

^f Excluding corn and miscellaneous grains.

^g Corn only.

^h Corn only. Data for 1960 and later years reflect government collections only. Total production is considerably higher

ⁱ Excluding corn.

^j Oats only.

^k Data are for 1967 and are included in the NATO total for 1968.

SECRET

115

AGRICULTURE

SECRET

Table 127

Production of Rice *
1955-59 Annual Average, 1960, and 1963-68

Thousand Metric Tons

	1955-59 Annual Average	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	3,440*	3,540*	4,300*	4,490*	4,480*	5,020*	5,360*	5,980*
US.....	2,238*	2,476*	3,187*	3,319*	3,460*	3,858*	4,054*	4,777*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	404*	313*	521*	591*	681*	845*	1,060*	N.A.
USSR.....	246*	187*	380*	470*	580*	710*	900*	1,000*
Eastern Europe.....	158*	126*	141*	121*	101*	135*	158*	N.A.
Bulgaria.....	47*	32*	42*	32*	34*	48*	57*	N.A.
Hungary.....	71*	45*	48*	35*	21*	31*	43*	43*
Rumania.....	40*	49*	51*	54*	46*	56*	58*	N.A.
Far East								
North Korea.....	1,242*	1,513	1,549	1,619	N.A.	N.A.	N.A.	2,000
North Vietnam.....	4,275*	4,212*	4,241*	4,314*	4,512*	4,200	4,000	3,800
Other								
Albania.....	6*	5*	9*	8*	10*	10*	11*	14
Cuba.....	250*	270*	204	123	50	68	92	N.A.
Yugoslavia.....	22*	22*	23*	25*	25*	23*	20*	24*

Other NATO Countries

	1955-59 Annual Average	1960	1968		1955-59 Annual Average	1960	1968		1955-59 Annual Average	1960	1968
France...	113*	103*	91*	Italy.....	734*	622*	700*	Turkey.....	136*	138*	177*
Greece....	59*	54*	87*	Portugal..	163*	151*	153*				

Other Free World Countries

	1955-59 Annual Average	1960	1968		1955-59 Annual Average	1960	1968		1955-59 Annual Average	1960	1968
Burma...	6,985*	7,575*	7,719* ^c	Japan ^d ...	14,810*	16,074*	18,061*	South Vietnam ^e ...	3,137*	5,092*	4,688*
India ^d ...	43,363*	51,348*	57,000*	Pakistan ^d ...	12,823*	16,068*	19,600*	Thailand.....	7,084*	7,788*	12,400*
Indonesia..	12,019*	12,849*	16,000* ^c								

* An asterisk indicates that the data are unclassified.

^a Rough, or paddy, rice. Unless otherwise indicated, crop production statistics for the Northern Hemisphere relate generally to the harvests of the spring, summer, and autumn of the year stated, but for the more southerly regions of this hemisphere they relate to harvests continuing into the early part of the following year. For the Southern Hemisphere these data relate to crops generally harvested in the latter part of the year stated and the first half of the following year.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Data are for 1967.

^d Estimated from planted acreage.

^e Data are as of 31 May of the stated year.

SECRET

AGRICULTURE

Table 128

Production of Potatoes *
1955, 1960, and 1963-68

Million Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	73.3*	77.4*	78.3*	67.3*	65.3*	66.6*	71.1*	67.3*			
US.....	10.30*	11.68*	12.32*	10.86*	13.15*	13.92*	13.85*	13.31*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	123	146	138	163	149	156	165	172			
USSR.....	71.75*	84.37*	71.83*	93.64*	88.68*	87.85*	95.46*	101.60*			
Eastern Europe.....	51.6	61.4	65.8	69.5	60.1	67.8	69.8	70.3			
Bulgaria.....	0.36*	0.48*	0.41*	0.50*	0.28*	0.42*	0.38*	0.35			
Czechoslovakia.....	7.91*	5.09*	6.51*	7.66*	3.68*	5.85*	6.04*	5.50*			
East Germany.....	11.20	14.20	11.60	11.54	11.57	11.54	12.66	11.48			
Hungary.....	2.47*	2.66*	2.03*	1.65*	1.48*	2.43*	1.51*	1.51*			
Poland.....	27.02*	35.96*	42.60	45.52	40.92	44.26	46.14	47.80			
Rumania.....	2.61*	3.01*	2.69*	2.62*	2.20*	3.35*	3.10*	3.66*			
Far East											
North Vietnam ^c	0.70	0.92*	1.68*	2.03*	1.18* ^d	N.A.	N.A.	N.A.			
Other											
Albania.....	0.03*	0.02*	0.02*	0.03*	0.02*	0.11*	0.12*	0.16			
Cuba ^e	0.13	0.09*	0.09*	0.08	0.08	0.10	N.A.	N.A.			
Yugoslavia.....	2.26*	3.27*	3.02*	2.82*	2.38*	3.23*	2.80*	2.60*			
Other NATO Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Belgium....	2.18* ^f	2.05* ^f	1.57*	Greece.....	0.44*	0.42*	0.62*	Portugal.....	1.10*	1.04*	1.04*
Canada.....	1.80*	2.06*	2.31*	Italy.....	3.38*	3.82*	3.89*	Turkey.....	1.12*	1.40*	1.75*
Denmark....	1.44*	1.96*	0.86*	Netherlands...	4.08*	3.97*	5.04*	UK.....	6.38*	7.27*	6.86*
France.....	13.57*	15.89*	9.93*	Norway.....	0.98*	1.25*	0.91*	West Germany.	26.50*	24.54*	19.20*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for Irish potatoes.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Sweet potatoes and manioc.^d Sweet potatoes only.^e Data for 1960 and later years reflect government collections only. Total production is considerably higher.^f Including data for Luxembourg.

SECRET

117

AGRICULTURE

SECRET

Table 129

Production of Meat ^a
1955, 1960, and 1963-68

Thousand Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	22,900*	24,700*	27,100*	28,100*	28,100*	28,900*	30,000*	30,900*			
US.....	12,200*	12,795*	13,862*	14,835*	14,304*	14,797*	15,530*	15,991*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	8,480	10,800	12,300	11,000	12,800	13,500	14,400	14,600			
USSR ^c	5,690*	7,380*	8,870*	7,300*	8,800*	9,400*	10,100*	10,200*			
Eastern Europe.....	2,790	3,380	3,450	3,670	4,010	4,120	4,270	4,390			
Bulgaria.....	155	174	207	230	278	293	296	306			
Czechoslovakia.....	402	483	512	549	599	580	605	640			
East Germany.....	667	730	715	806	861	906	946	960			
Hungary ^d	314	430*	456*	433*	476*	469	472	508			
Poland ^e	894	1,148	1,192	1,226	1,334	1,368	1,409	1,430			
Rumania.....	361	414	365	430	462	500	542	550			
Far East											
Communist China.....	6,625	N.A.	4,800	5,600	N.A.	N.A.	N.A.	N.A.			
Other											
Albania.....	14	14	14	14	14	15	12	N.A.			
Yugoslavia ^d	481*	522*	546*	558*	639*	558*	636*	655*			
Other NATO Countries ^f											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Belgium ^g	411*	447*	610*	Greece ^h	105*	115*	173*	Portugal.....	169*	156*	172*
Canada.....	1,058*	1,114*	1,436*	Italy.....	830*	1,104*	1,266*	Turkey ^h	340*	412*	469*
Denmark.....	660*	766*	933*	Netherlands...	558*	704*	927*	UK ^h	1,602*	1,718*	2,006*
France.....	2,470*	2,613*	3,365*	Norway.....	123*	122*	136*	West Germany.	2,396*	2,617*	3,406*
Other Free World Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Argentina.....	2,452*	2,263*	3,059*	Brazil.....	1,458*	1,872*	2,166*	Mexico ⁱ	526*	655*	865*
Australia.....	1,253*	1,359*	1,720*	Japan ⁱ	235*	322*	680*	New Zealand..	620*	748*	949*

^a An asterisk indicates that the data are unclassified.^a Data are on a carcass weight, bone-in basis, and are for beef, veal, pork, mutton, lamb, and goat where they are produced. Unless otherwise indicated, data exclude horsemeat, rabbit, poultry, edible offal, and lard.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including poultry, edible offal, and slaughter fats.^d Including horsemeat and live exports.^e Including horsemeat and edible offal.^f Unless otherwise indicated, data include horsemeat.^g Including data for Luxembourg.^h Excluding horsemeat.ⁱ Including horsemeat.

SECRET

AGRICULTURE

Table 130

Production of Milk ^a
1955, 1960, and 1963-68

	Thousand Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	136,000*	149,000*	154,000*	153,000*	154,000*	155,000*	157,000*	159,000*
US.....	55,850*	55,702*	56,703*	57,606*	56,324*	54,382*	54,111*	53,524*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	63,000*	82,600*	82,800*	86,500*	96,900*	102,000*	107,000*	109,000*
USSR.....	40,800*	55,500*	56,300*	59,500*	68,200*	71,400*	75,100*	77,200*
Eastern Europe.....	22,200*	27,100*	26,500*	27,000*	28,700*	30,700*	31,800*	32,100*
Bulgaria.....	382*	744*	797*	926*	1,000*	1,098*	1,210*	1,175*
Czechoslovakia ^c	3,521*	3,830*	3,536*	3,764*	3,924*	4,169*	4,335*	4,595*
East Germany ^d	5,077*	5,730*	5,569*	5,750*	6,371*	6,728*	6,904*	7,040*
Hungary ^e	1,525*	1,957*	1,804*	1,856*	1,762*	1,851*	1,977*	1,965*
Poland.....	9,903*	12,488*	12,641*	12,592*	13,330*	14,221*	14,480*	14,580*
Rumania.....	1,816*	2,356*	2,184*	2,116*	2,302*	2,674*	2,936*	2,760*
Other								
Albania.....	34	44	45	45	45	44	N.A.	N.A.
Cuba.....	735*	742*	660*	780	780	950	N.A.	N.A.
Yugoslavia.....	1,701*	2,280*	2,168*	2,238*	2,303*	2,510*	2,605*	2,710*

Other NATO Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Belgium..	3,769*	3,891*	4,196*	Greece.....	320*	392*	562*	Norway.....	1,615* ^e	1,613*	1,737*
Canada...	7,846*	8,385*	8,323*	Italy.....	8,142*	9,648*	9,934*	Turkey.....	1,642*	2,241*	2,775*
Denmark..	5,124*	5,399*	5,148*	Luxembourg.	179*	185*	213*	UK.....	10,811*	12,670*	12,020* ^f
France...	18,328*	22,652*	30,708*	Netherlands.	5,725*	6,838*	7,802*	West Germany.	16,907*	19,250*	22,475*

* An asterisk indicates that the data are unclassified.

^a Whole milk from cows.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including milk sucked by young animals.^d In terms of 3.5 percent butter-fat content.^e Including goat milk.^f Under Milk Marketing Schemes only.

SECRET

119

AGRICULTURE

SECRET

Table 131

Production of Sugar *
1955, 1960, and 1963-68

	Thousand Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	9,460*	12,000*	12,000*	14,100*	13,200*	13,100*	13,900*	N.A.*
US ^c	3,199*	3,637*	4,415*	5,066*	4,871*	4,789*	4,802*	5,105*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	6,440	10,800	10,300	12,900	15,100	14,300	14,700	N.A.
USSR ^d	3,419*	6,363*	6,219*	8,209*	11,037*	9,740*	9,939*	10,800*
Eastern Europe.....	3,020	4,450	4,080	4,700	4,050	4,540	4,780	N.A.
Bulgaria.....	69*	186*	155*	243*	342*	385*	432*	313*
Czechoslovakia ^e	778	1,179	1,035	994	717	849	871	N.A.
East Germany ^e	697*	739*	746*	800*	619*	671*	681*	N.A.
Hungary ^e	270*	414*	408*	488*	465*	473*	469*	423*
Poland ^f	1,066*	1,511*	1,424*	1,798*	1,472*	1,684*	1,848*	1,717*
Rumania.....	143*	425*	313*	379*	437*	480*	484*	416*
Far East								
Communist China ^e	717	920	540	1,100	1,500	1,500	1,700	1,600
North Vietnam.....	1.6	10	25*	N.A.	N.A.	N.A.	N.A.	N.A.
Other								
Albania.....	8*	15*	13*	14*	16*	15*	20*	N.A.
Cuba ^g ^h	4,528*	5,862*	3,821*	4,400*	6,050*	4,450*	6,130*	5,100*
Yugoslavia.....	117*	289*	340*	349*	369*	512*	508*	380*

Other NATO Countries

	1955	1960	1967		1955	1960	1967		1955	1960	1967
Belgium ⁱ ..	381*	507*	567*	Greece.....	0*	0*	122*	Turkey.....	277*	699*	723*
Canada....	135*	152*	141*	Italy.....	1,171*	998*	1,654*	UK.....	698*	860*	976*
Denmark..	275*	322*	330*	Netherlands.....	416*	669*	755*	West Germany.	1,298*	1,877*	2,049*
France....	1,595*	2,267*	1,734*	Portugal ^e ^j	11*	14*	13*				

Other Free World Countries *

	1955	1960	1967		1955	1960	1967		1955	1960	1967
Australia..	1,156*	1,441*	2,440*	Dominican Republic.	614*	1,112*	826*	Mexico.....	961*	1,530*	2,411*
Brazil....	2,073*	3,319*	4,275*	India.....	1,756*	2,814*	2,357*	Philippines....	1,244*	1,398*	1,599*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for beet sugar produced in the calendar year. Data are given in terms of the raw value of centrifugal sugar. Refined sugar is equal to approximately 92 percent of raw sugar by weight. Centrifugal, as distinguished from noncentrifugal, sugar includes cane and beet sugar produced by the centrifugal process and is the principal type of sugar moving in international trade.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including cane sugar.

^d Refined, including imported raw sugar.

^e Including raw sugar imported for refining.

^f Data are for the campaign year beginning in September of the year stated and ending in March of the following year.

^g Cane sugar only.

^h Crop years ending 30 June of the stated year.

ⁱ Including data for Luxembourg.

^j Data are for the Azores and Madeira only.

SECRET

AGRICULTURE

Table 132

Fish Catch *
1955, 1960, and 1963-68

Thousand Metric Tons

	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES.....	10,200*	10,100*	10,800*	11,300*	12,400*	12,900*	12,800*	N.A.*
US.....	2,790.4*	2,814.7*	2,777.0*	2,647.1*	2,724.3*	2,542.9*	2,384.1*	N.A.*
COMMUNIST COUNTRIES ^b								
USSR and Eastern Europe...	2,960*	3,880*	5,140*	5,710*	6,380*	6,740*	7,280*	N.A.
USSR.....	2,737.0*	3,541.2*	4,681.1*	5,171.0*	5,774.0*	6,093.0*	6,538.0*	6,700.0*
Eastern Europe.....	224*	339*	464*	538*	607*	644*	737*	N.A.
Bulgaria ^c	4.5*	7.9*	4.3*	9.9*	17.3*	23.6*	39.3*	36.0*
Czechoslovakia.....	6.3*	8.8*	9.7*	10.6*	11.0*	11.5*	11.7*	N.A.
East Germany.....	69.0*	114.4*	184.8*	218.0*	229.4*	222.1*	290.0*	N.A.
Hungary.....	9.5*	14.9*	21.0*	22.7*	24.8*	26.7*	28.3*	N.A.
Poland ^d	107.1*	168.0*	209.7*	244.4*	280.1*	316.5*	321.4*	385.7*
Rumania.....	27.5*	25.0*	34.4*	32.4*	44.3*	43.7*	46.7*	N.A.
Far East								
Communist China.....	2,518.0*	3,450.0*	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
North Korea.....	313.0*	465.0*	640.0*	770.0*	785.0*	700.0	N.A.	N.A.
Other								
Albania.....	2.6*	2.6*	3.5*	3.6*	4.3*	4.9*	5.6*	N.A.
Cuba.....	12.8*	29.5*	34.0*	35.8*	39.0*	41.7*	62.9*	82.0*
Yugoslavia ^f	22.6*	30.9*	34.4*	38.3*	41.9*	45.5*	47.9*	N.A.

Other NATO Countries

	1955	1960	1967		1955	1960	1967		1955	1960	1967
Belgium.....	80.0*	63.7*	63.9*	Italy.....	257.7*	249.5*	337.3*	Portugal ⁱ ...	433.8*	475.1*	506.0* *
Canada.....	965.0*	934.5*	1,289.8*	Luxembourg ^f ...	0.3*	0.3*	0.6* ^h	Turkey ^f ...	111.5*	89.4*	122.7* *
Denmark...	425.3*	581.2*	1,070.4*	Netherlands...	319.5*	314.7*	314.6*	UK.....	1,100.4*	923.8*	1,026.1*
France.....	594.6*	734.2*	820.0*	Norway...	1,813.4*	1,543.0*	3,214.3*	West Germany...	814.8*	674.0*	661.5*
Greece ^f ...	60.0*	87.0*	124.9* *								
Iceland.....	480.3*	592.8*	896.3*								

Other Free World Countries

	1955	1960	1967		1955	1960	1967		1955	1960	1967
India ^f ...	839.0*	1,161.4*	1,400.4*	Peru ^f	235.5*	3,569.1*	10,110.2*	Spain.....	770.3* ^j	969.9*	1,430.6*
Japan.....	4,907.6*	6,192.7*	7,814.0*								

* An asterisk indicates that the data are unclassified.

* Unless otherwise indicated, data are for all species of fish and seaweed, crustaceans, and mollusks, but exclude aquatic mammals.
Data are in terms of live weight.^b Including aquatic mammals.^c Commercial catch only.^d Salt water catch only.^e Fish only.^f Including landed weight.^g Data are for 1966 and are included in the NATO total for 1967.^h Data are for 1963 and are included in the NATO totals for 1964-67.ⁱ Including data for the Azores and Madeira.^j Excluding mollusks cultivated in parks and "viveros" and aquatic plants.

SECRET

121

AGRICULTURE

SECRET

Table 133

Number of Cattle ^a
1955, 1960, and 1963-69

	Million Head								
	1955	1960	1963	1964	1965	1966	1967	1968	1969
NATO COUNTRIES ^b	178*	185*	196*	198*	202*	204*	205*	206*	207*
US.....	96.59*	96.42*	103.74*	106.74*	109.00*	108.86*	108.64*	109.15*	109.66*
COMMUNIST COUNTRIES									
USSR and Eastern Europe.	80.8*	99.3*	114*	112*	114*	121*	126*	126*	N.A.
USSR.....	56.67*	74.16*	86.99*	85.45*	87.17*	93.44*	97.11*	97.12*	95.70*
Eastern Europe.....	24.1*	25.2*	26.9*	27.0*	27.3*	27.9*	28.8*	29.2*	N.A.
Bulgaria.....	1.61*	1.28*	1.58*	1.49*	1.47*	1.45*	1.39*	1.36*	1.34
Czechoslovakia.....	4.04*	4.30*	4.51*	4.48*	4.44*	4.39*	4.46*	4.44*	4.32
East Germany ^c	3.76* ^d	4.46* ^d	4.51*	4.61*	4.68*	4.76*	4.92*	5.02*	5.11
Hungary ^e	2.13*	1.97*	1.91*	1.88*	1.96*	1.97*	2.01*	2.09*	N.A.
Poland ^f	7.91*	8.70*	9.84*	9.94*	9.95*	10.39*	10.77*	10.94*	N.A.
Rumania.....	4.63*	4.45*	4.57*	4.64*	4.76*	4.94*	5.20*	5.33*	5.13
Far East									
North Korea.....	N.A.	0.67*	0.68*	0.70	0.69	N.A.	N.A.	N.A.	0.80
North Vietnam ^g	1.84*	2.40*	2.27*	2.30*	2.38*	2.44*	2.47*	2.50*	N.A.
Other									
Albania ^h	0.43*	0.43*	0.41*	0.41*	0.43*	0.43*	0.42	N.A.	N.A.
Cuba.....	4.45*	5.76*	5.97	6.38	6.61	6.70	6.77	7.10*	N.A.
Yugoslavia.....	5.29*	5.30*	5.36*	5.09*	5.22*	5.58*	5.71*	5.69*	5.52*

Other NATO Countries

	1955	1960	1969		1955	1960	1969		1955	1960	1969
Belgium ^b ...	2.38*	2.69*	2.66*	Greece ^g	0.99*	1.12*	1.12*	Portugal.....	0.90*	1.11*	1.07*
Canada ⁱ	9.47*	10.49*	11.48*	Italy ^h	9.03*	9.40*	9.90*	Turkey ^h ...	11.94*	13.48*	15.02* ¹
Denmark ^j ..	3.09*	3.31*	3.00*	Netherlands..	3.00*	3.16*	3.72*	UK.....	10.67*	11.48*	12.12*
France ^k	17.32*	18.74*	21.92*	Norway.....	1.17*	1.08*	1.00*	West Germany.	11.52*	12.48*	14.04*

Other Free World Countries

	1955	1960	1969		1955	1960	1969		1955	1960	1969
Argentina ^l ..	44.00*	43.40*	51.46* ^m	Brazil.....	61.42*	72.83*	89.99* ^m	World total ^o ..	912.00*	1,007.02*	1,160.90*
Australia ⁿ ..	15.84*	16.50*	19.22* ^m								

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are as of the beginning of the year.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Unless otherwise indicated, data are as of 30 November of the previous year.

^d As of 3 December of the previous year.

^e As of March of the stated year.

^f As of 30 June of the stated year.

^g Including buffaloes.

^h Including data for Luxembourg.

ⁱ Excluding data for Newfoundland.

^j Including data for the Faeroe Islands and Greenland.

^k As of 31 October of the previous year.

^l Data are for 1967 and are included in the NATO totals for 1968-69.

^m Data are for 1968.

ⁿ As of 31 March of the previous year.

^o Estimated, including countries for which data are not available.

SECRET

AGRICULTURE

Table 134

Number of Hogs ^a
1955, 1960, and 1963-69

Million Head

	1955	1960	1963	1964	1965	1966	1967	1968	1969		
NATO COUNTRIES ^b	98.7*	113*	117*	116*	113*	109*	115*	122*	123*		
US.....	50.47*	59.03*	58.88*	58.12*	50.79*	47.41*	53.25*	55.26*	57.20*		
COMMUNIST COUNTRIES											
USSR and Eastern Europe.	67.1*	91.9*	108*	82.0*	97.1*	102*	101*	94.3*	N.A.		
USSR.....	30.92*	53.37*	69.96*	40.86*	52.84*	59.58*	58.03*	50.87*	49.00*		
Eastern Europe.....	36.2*	38.5*	37.6*	41.2*	44.3*	42.2*	42.5*	43.4*	N.A.		
Bulgaria.....	1.32*	2.27*	2.07*	2.10*	2.61*	2.41*	2.28*	2.31*	2.43		
Czechoslovakia.....	4.77*	5.69*	5.90*	5.84*	6.14*	5.54*	5.30*	5.60*	5.22		
East Germany ^c	9.03* ^d	8.28* ^d	8.04*	9.29*	8.76*	8.88*	9.31*	9.25*	9.26		
Hungary ^e	5.82*	5.36*	5.43*	6.36*	6.96*	5.80*	6.00*	6.61*	N.A.		
Poland ^f	10.89*	12.62*	11.65*	12.92*	13.78*	14.25*	14.23*	13.91*	N.A.		
Rumania.....	4.37*	4.30*	4.52*	4.66*	6.03*	5.36*	5.40*	5.75*	5.83		
Far East											
North Korea.....	0.70	1.12*	1.14*	1.44	1.21	N.A.	N.A.	N.A.	2.20		
North Vietnam.....	2.14*	3.63*	4.24*	4.21*	4.48*	4.84*	5.10*	5.20*	N.A.		
Other											
Albania.....	0.08*	0.12*	0.11*	0.11*	0.15*	0.14*	0.14	N.A.	N.A.		
Cuba.....	1.36*	1.72*	1.39	1.54	1.75	1.81	N.A.	N.A.	N.A.		
Yugoslavia.....	4.73*	6.21*	5.01*	6.12*	6.98*	5.12*	5.52*	5.86*	5.68*		
Other NATO Countries											
	1955	1960	1969		1955	1960	1969		1955	1960	1969
Belgium ^g	1.45*	1.73*	2.41*	Greece.....	0.62*	0.64*	0.61*	Portugal.....	1.41*	1.80*	1.38*
Canada ^h	5.42*	6.42*	5.70*	Italy.....	3.75*	4.15*	5.50*	Turkey.....	0.01*	0.01*	0.02* ^k
Denmark ⁱ	4.81*	6.20*	7.77*	Netherlands..	2.33*	2.94*	5.00*	UK.....	5.84*	6.01*	7.99*
France ^j	7.57*	8.36*	10.58*	Norway.....	0.46*	0.46*	0.58*	West Germany.	14.52*	14.88*	18.72*

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are as of the beginning of the year.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Unless otherwise indicated, data are as of 30 November of the previous year.

^d As of 3 December of the previous year.

^e As of March of the stated year.

^f As of 30 June of the stated year.

^g Including data for Luxembourg.

^h Excluding data for Newfoundland.

ⁱ Including data for the Faeroe Islands.

^j As of 31 October of the previous year.

^k Data are for 1967 and are included in the NATO totals for 1968-69.

SECRET

123

AGRICULTURE

SECRET

Table 135

Production of Ginned Cotton
1955, 1960, and 1963-68

	Thousand Metric Tons							
	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES *	3,410*	3,340*	3,690*	3,700*	3,660*	2,560*	2,110*	2,840*
US.....	3,205.1*	3,107.3*	3,338.5*	3,305.0*	3,259.9*	2,084.7*	1,623.8*	2,356.2*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	1,350*	1,480*	1,780*	1,810*	1,940*	2,060*	2,050*	2,040
USSR.....	1,320.0*	1,458.0*	1,771.0*	1,797.0*	1,925.0*	2,034.0*	2,030.0*	2,030.0*
Eastern Europe.....	27.1*	21.5*	13.1*	14.2*	12.6*	22.8*	18.5*	10.0
Bulgaria.....	20.4*	21.1*	13.1*	14.2*	12.6*	22.8*	18.5*	10.0
Rumania.....	6.7*	0.4*	Negl.*	0*	0*	0*	0*	0*
Far East								
Communist China.....	1,520.0	1,200.0	800.0	1,000.0	1,000.0	1,200.0	1,300.0	1,300.0
North Vietnam.....	0.9	1.5*	2.0*	2.0	N.A.	N.A.	N.A.	N.A.
Other								
Albania.....	4.1*	5.4*	7.7*	7.7*	8.2*	8.2*	7.3*	N.A.
Cuba.....	0*	7.2*	3.5*	0.9	0.8	0.4	N.A.	N.A.
Yugoslavia.....	3.0*	2.4*	2.8*	2.6*	1.7*	2.0*	3.4*	4.0*

Other NATO Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Greece.....	60.7*	62.7*	82.7*	Italy.....	13.9*	5.7*	2.2*	Turkey.....	130.6*	168.7*	402.8*

Other Free World Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Argentina.....	122.6*	123.9*	96.0*	UAR.....	334.2*	478.1*	420.2*	Mexico.....	489.9*	457.2*	500.8*
Brazil.....	370.1*	424.6*	718.5*	India.....	823.0*	1,008.0*	1,088.6*	Pakistan....	309.2*	304.4*	522.5*

* An asterisk indicates that the data are unclassified.

* NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are for the crop year—that is, the year beginning 1 August of the stated year.

SECRET

AGRICULTURE

Table 136

Production of Wool *
1955, 1960, and 1963-68

							Thousand Metric Tons				
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	293*	327*	307*	292*	288*	287*	286*	278*			
US.....	138.2*	146.3*	130.2*	120.0*	109.4*	106.6*	103.5*	96.0*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	317*	427*	445*	418*	436*	451*	481*	N.A.			
USSR.....	256.0*	356.8*	372.7*	340.7*	356.9*	371.0*	395.0*	413.0*			
Eastern Europe.....	60.6*	70.3*	72.4*	77.7*	78.8*	79.8*	85.7*	N.A.			
Bulgaria.....	14.4*	21.0*	23.7*	25.4*	25.8*	25.5*	27.2*	28.5*			
Czechoslovakia.....	2.9*	2.5*	1.8*	1.9*	2.0*	2.2*	2.7*	N.A.			
East Germany.....	7.1*	7.7*	7.5*	7.8*	8.0*	8.1*	8.0*	7.9			
Hungary.....	5.7*	8.3*	9.5*	10.5*	10.1*	9.9*	10.0*	N.A.			
Poland.....	9.8*	9.0*	7.3*	7.3*	7.5*	8.0*	8.6*	8.7*			
Rumania.....	20.7*	21.8*	22.6*	24.8*	25.4*	26.1*	29.2*	30.0*			
Other											
Albania.....	2.6	2.2	2.4	2.5	2.3	2.2	2.2	N.A.			
Yugoslavia.....	16.2*	13.6*	12.6*	12.2*	12.6*	13.5*	13.8*	14.0*			
Other NATO Countries											
	1955	1960	1968		1955	1960	1968				
Canada.....	3.6*	3.8*	2.0*	Italy.....	14.0*	13.4*	14.7*	Turkey.....	36.7*	47.4*	47.0*
France.....	25.4*	29.5*	29.2*	Norway.....	3.6*	3.6*	5.2*	UK.....	45.2*	55.0*	57.2*
Greece.....	10.7*	11.4*	8.7*	Portugal.....	10.3*	11.0*	14.4*	West Germany..	5.3*	5.2*	3.5*
Other Free World Countries											
	1955	1960	1968		1955	1960	1968		1955	1960	1968
Argentina....	161.9*	221.1*	225.0*	India.....	32.7*	34.1*	37.0*	South Africa e..	133.4*	135.7*	158.8*
Australia....	639.6*	740.3*	831.0*	New Zealand..	206.4*	266.7*	344.7*	Uruguay.....	78.0*	82.0*	74.8*

* An asterisk indicates that the data are unclassified.

* Raw wool (grease basis) from sheep, which includes both shorn and pulled wool together with the wool element of "wooled sheep-skins."

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

* Including data for Lesotho and South-West Africa.

SECRET

125

AGRICULTURE

SECRET

Table 137

Production of Grain Combines ^a in the US, the UK, and Selected Communist Countries
1955, 1960, and 1963-68

	Units							
	1955	1960	1963	1964	1965	1966	1967	1968
US.....	63,739*	30,165*	31,961*	37,705*	37,606*	46,283*	39,962*	31,900* ^b
UK ^c	6,209*	3,213*	4,674*	5,281*	5,243*	3,786*	2,719*	3,800*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	51,200*	69,300*	89,800*	89,600*	91,200*	99,700*	109,000*	109,000*
USSR.....	48,000*	59,000*	82,900*	83,600*	85,800*	92,000*	101,200*	101,000*
Eastern Europe.....	3,190*	10,300*	6,880*	6,040*	5,380*	7,660*	8,140*	7,900*
Bulgaria ^d	300*	0*	0*	0*	0*	0*	0*	0*
East Germany.....	1,053*	1,972*	1,801*	1,456*	1,585*	1,588*	955*	1,000*
Hungary.....	1,535*	2,266*	608*	0*	0*	0*	0*	0*
Poland.....	300*	564*	810*	1,515*	1,781*	2,024*	2,232*	1,950*
Rumania.....	0*	5,500*	3,660*	3,070*	2,012*	4,049*	4,950*	5,000*

* An asterisk indicates that the data are unclassified.

^a Tractor-drawn and self-propelled.

^b Shipments.

^c Deliveries.

^d Production ceased by 1959, and there has been no indication that production is to be resumed.

Table 138

Production of Tractors ^a
1955, 1960, and 1963-68

	Thousand Units							
	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	752*	582*	660*	676*	728*	749*	690*	674*
US.....	377.1*	178.5*	224.3*	240.6*	271.8*	299.1*	262.1*	233.9* ^c
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	200*	308*	404*	417*	442*	472*	499*	522*
USSR.....	163.4*	238.5*	325.3*	329.0*	354.5*	382.5*	405.1*	423.0*
Eastern Europe.....	36.7*	69.0*	78.9*	87.9*	87.5*	90.0*	94.1*	99.0*
Bulgaria.....	0*	0* ^d	0.6*	2.0*	3.8*	3.2*	3.3*	4.2*
Czechoslovakia.....	12.6*	32.5*	28.4*	29.7*	30.5*	28.2*	28.7*	24.4*
East Germany.....	7.8*	9.1*	16.5*	18.0*	12.9*	12.2*	11.1*	11.1*
Hungary.....	4.7*	2.6*	3.1*	3.0*	3.0*	3.3*	3.6*	2.8*
Poland.....	8.1*	7.7*	17.0*	19.2*	21.5*	24.6*	29.8*	34.9*
Rumania.....	3.5*	17.1*	13.3*	16.0*	15.8*	18.5*	17.6*	21.2*
Far East								
Communist China.....	0*	10.8	10.0	12.0	13.4	16.2	16.2	N.A.
North Korea.....	0*	3.0*	3.0*	2.2	4.4	5.0	5.9	7.0
Other								
Yugoslavia.....	1.1*	7.3*	8.1*	9.4*	7.4*	8.7*	8.8*	10.9*

Other NATO Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
France.....	65.7*	63.4*	59.8*	UK ^e	135.2*	182.3*	200.0* ^f	West Germany ^g ..	149.4*	120.7*	108.0*
Italy.....	24.3*	37.6*	72.0*								

* An asterisk indicates that the data are unclassified.

^a Physical units.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." The data exclude garden-type tractors.

^c Data for wheel-type tractors are shipments.

^d Production began in 1960 but was limited to a test series.

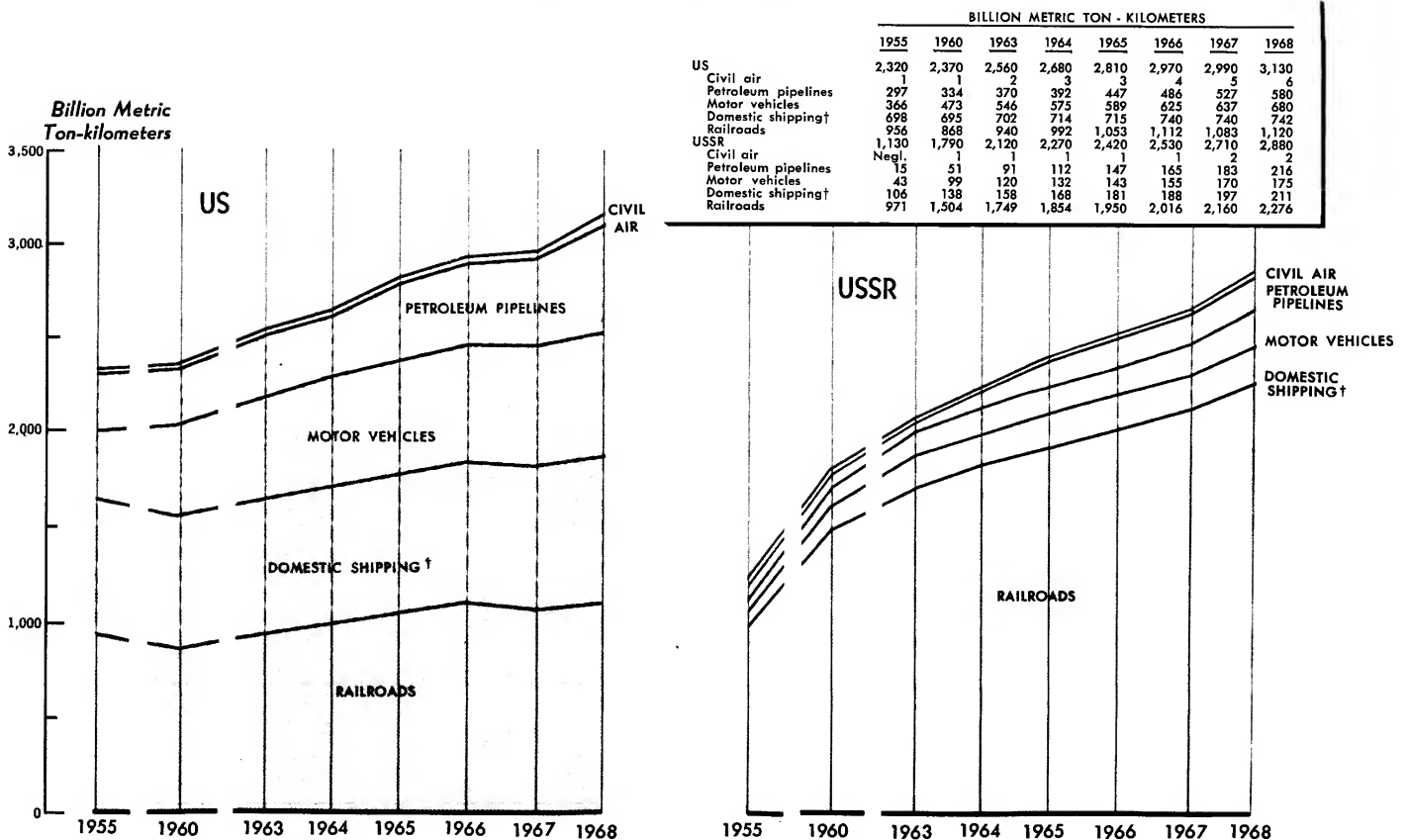
^e Including industrial wheeled tractors.

^f Deliveries.

^g Excluding tracklaying tractors.

DOMESTIC TRANSPORT PERFORMANCE IN THE US AND THE USSR 1955, 1960, AND 1963-68

Figure 16



† Including inland waterway, coastal, and intercoastal freight traffic. The US includes Great Lakes freight traffic, and the USSR includes Caspian Sea freight traffic.

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SECRET

TRANSPORTATION

Table 139

Railroad Freight Traffic, * in Ton-Kilometers
1955, 1960, and 1963-68

Billion Metric Ton-Kilometers

	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	1,220*	1,140*	1,230*	1,300*	1,360*	1,430*	1,390*	1,450*			
US ^c	955.66*	868.47*	939.73*	991.57*	1,052.72*	1,112.42*	1,083.37*	1,120.00*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe... ^b	1,110*	1,690*	1,960*	2,080*	2,190*	2,260*	2,410*	2,530*			
USSR.....	970.90*	1,504.30*	1,749.40*	1,854.10*	1,950.20*	2,016.00*	2,160.50*	2,276.00*			
Eastern Europe.....	136*	187*	214*	230*	236*	246*	250*	252*			
Bulgaria.....	4.12*	6.98*	8.57*	9.97*	10.78*	11.45*	11.72*	12.20*			
Czechoslovakia.....	31.70*	47.41*	51.66*	55.39*	56.90*	57.65*	55.78*	50.00*			
East Germany.....	25.22*	32.86*	37.59*	39.11*	38.87*	39.68*	38.47*	38.30*			
Hungary ^d	8.80*	13.34*	15.37*	17.03*	17.29*	17.90*	18.51*	18.34*			
Poland.....	51.97*	66.55*	74.43*	79.06*	81.01*	85.01*	88.54*	92.64*			
Rumania.....	14.68*	19.82*	26.76*	29.39*	30.98*	34.54*	37.30*	40.28*			
Far East											
North Korea.....	3.79*	9.10*	10.40*	10.56*	10.50	11.94	12.48	12.82			
North Vietnam.....	0.04*	0.70*	0.85*	0.93*	N.A.	N.A.	N.A.	N.A.			
Other											
Albania.....	0.02*	0.05*	0.06*	0.09*	0.10*	0.11*	0.12*	0.15*			
Yugoslavia ^e	11.58*	15.19*	17.34*	18.26*	18.04*	17.52*	16.39*	16.34*			
Other NATO Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Belgium.....	6.68*	6.26*	7.42*	Italy ^e	14.68*	15.86*	16.92*	Portugal ^e	0.72*	0.76*	0.98*
Canada ^e	96.62*	95.55*	137.40*	Luxembourg..	0.61*	0.64*	0.64*	Turkey.....	3.98*	4.33*	5.06*
Denmark ^f ..	1.22* ^e	1.44* ^e	1.36*	Netherlands ⁱ	3.44*	3.41*	3.25*	UK ^e	34.92* ^e	30.50* ^e	24.17*
France.....	46.81*	56.93*	64.38*	Norway ^j	1.39* ^k	1.59* ^k	2.60*	West Germany.	49.10*	52.27*	60.70*
Greece ^h	0.30*	0.36*	0.48*								

* An asterisk indicates that the data are unclassified.

^a Excluding urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railways; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the US include express and mail and are specifically for revenue and nonrevenue freight traffic for a more realistic comparison with Soviet methods of reporting.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including secondary or private railroads operating as common carriers.

^d Including performance of railroads owned jointly by Hungary and Austria within Hungary.

^e Including service traffic.

^f Including mail and passenger baggage. Data are for the year beginning 1 April of the stated year.

^g Including military and government traffic.

^h Excluding livestock.

ⁱ Excluding express parcels.

^j Including data for the Ofoten railroad.

^k Data are for the year beginning 1 July of the previous year.

^l Excluding data for Northern Ireland.

SECRET

127

TRANSPORTATION

SECRET

Table 140

Railroad Freight Traffic, * in Tons Carried
1955, 1960, and 1963-68

Million Metric Tons Carried											
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	2,580*	2,470*	2,530*	2,640*	2,660*	2,680*	2,620*	N.A.*			
US ^c	1,320.5*	1,180.5*	1,222.4*	1,288.4*	1,341.7*	1,400.5*	1,359.4*	1,400.0*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	2,000*	2,820*	3,180*	3,380*	3,520*	3,630*	3,770*	3,890*			
USSR.....	1,267.0*	1,884.9*	2,158.0*	2,288.8*	2,415.3*	2,481.9*	2,604.6*	2,705.0*			
Eastern Europe.....	737*	931*	1,030*	1,090*	1,100*	1,150*	1,160*	1,180*			
Bulgaria.....	23.7*	38.4*	43.5*	51.5*	56.0*	60.7*	63.1*	62.8*			
Czechoslovakia.....	140.2*	194.1*	202.0*	213.9*	218.5*	224.1*	226.1*	226.0*			
East Germany.....	207.5*	237.8*	261.1*	267.0*	260.4*	262.5*	253.1*	253.0*			
Hungary ^d	70.0*	96.0*	106.4*	114.0*	114.3*	118.3*	117.2*	115.0*			
Poland.....	236.4*	286.9*	312.8*	331.8*	341.3*	353.6*	365.6*	377.8*			
Rumania.....	59.0*	77.5*	99.6*	110.1*	114.4*	126.6*	137.1*	147.2*			
Far East											
North Korea.....	16.8*	38.5*	46.0*	48.0*	52.5	56.0	59.4	61.8			
North Vietnam.....	0.4*	2.9	3.9*	4.1*	N.A.	N.A.	N.A.	N.A.			
Other											
Albania.....	0.4*	0.9*	1.1*	1.5*	1.6*	1.7*	2.0*	2.5*			
Yugoslavia ^e	50.2*	65.2*	71.8*	76.5*	74.8*	71.6*	68.7*	N.A.			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium ^e	74.6*	64.1*	61.7*	Italy ^e	64.6*	67.9*	64.2*	Turkey.....	11.3*	13.4*	13.9*
Canada ^e	169.8*	161.1*	215.1*	Luxembourg..	17.6*	17.4*	14.1*	UK ^e	279.0*	253.1*	204.2*
Denmark ^e ..	8.5*	8.9*	8.4*	Netherlands ^e .	26.9*	27.3*	26.2*	West Ger-			
France.....	191.0*	227.0*	228.7*	Norway ^b	14.3*	18.6*	26.3*	many ^e ..	391.5*	429.2*	390.3*
Greece.....	1.9*	2.2*	3.4*	Portugal.....	3.8*	3.7*	3.4*				

* An asterisk indicates that the data are unclassified.

^a Excluding urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railways; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade traffic carried through more than one country, however, is counted in each country. Data for the US are in tons originated, thus giving a more realistic comparison with European methods of reporting.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Including secondary or private railroads operating as common carriers.

^d Including performance of railroads owned jointly by Hungary and Austria within Hungary.

^e Including service traffic.

^f Data for government railroads are for 1967, and data for private railroads are for 1966.

^g Data for government railroads are for 1967, and data for private railroads are for 1965.

^h Including data for the Ofoten railroad.

ⁱ Including data for Northern Ireland.

^j Data include through consignments between private and government railroads.

SECRET

TRANSPORTATION

Table 141

Motor Vehicle Freight Traffic, in Ton-Kilometers, in the US and the Communist Countries
1955, 1960, and 1963-68

Million Metric Ton-Kilometers

	1955	1960	1963	1964	1965	1966	1967	1968
US *	366,000*	473,000*	546,000*	575,000*	589,000*	625,000*	637,000*	680,000*
COMMUNIST COUNTRIES ^b								
USSR and Eastern Europe...	55,300*	120,000*	148,000*	162,000*	175,000*	191,000*	210,000*	218,000*
USSR.....	42,550*	98,520*	119,723*	132,115*	143,083*	155,341*	170,160*	175,000*
Eastern Europe.....	12,800*	21,000*	27,900*	30,200*	32,300*	35,600*	39,400*	43,200*
Bulgaria.....	735*	2,039*	3,137*	3,571*	3,821*	4,297*	5,106*	5,324*
Czechoslovakia.....	2,719*	5,108*	6,319*	6,625*	6,975*	7,281*	7,813*	7,880*
East Germany.....	3,194*	5,002*	6,200*	6,648*	7,213*	7,839*	8,171*	9,120*
Hungary.....	950*	1,580*	2,181*	2,397*	2,634*	2,980*	3,219*	3,476*
Poland *.....	3,965*	5,692*	7,239*	7,772*	8,376*	9,263*	10,384*	12,001*
Rumania.....	1,200*	1,600*	2,775*	3,150*	3,270*	3,948*	4,680*	5,382*
Far East								
North Korea.....	138*	552*	670*	729*	765	N.A.	N.A.	N.A.
North Vietnam.....	4*	108*	164*	179*	N.A.	N.A.	N.A.	N.A.
Other								
Albania.....	135*	328*	388*	424*	454*	527*	570*	633*

* An asterisk indicates that the data are unclassified.

* Total traffic for all urban streets and rural roads. These data are partly estimated.

^b Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

* Data differ from those presented in the previous *Handbook*, which excluded traffic by vehicles owned and operated by various industries for their exclusive use.

SECRET

129

TRANSPORTATION

SECRET

Table 142

Motor Vehicle Freight Traffic, * in Tons Carried, in the Communist Countries
1955, 1960, and 1963-68

	Million Metric Tons Carried							
	1955	1960	1963	1964	1965	1966	1967	1968
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	4,540*	9,970*	11,300*	12,300*	12,900*	13,800*	14,600*	14,800*
USSR.....	3,730.0*	8,492.7*	9,444.4*	10,240.3*	10,746.0*	11,457.3*	11,947.0*	12,000.0*
Eastern Europe.....	811*	1,480*	1,850*	2,020*	2,180*	2,390*	2,630*	2,850*
Bulgaria.....	37.8*	128.3*	217.1*	258.7*	281.3*	315.9*	379.4*	361.4*
Czechoslovakia.....	222.5*	428.4*	492.2*	540.4*	577.7*	616.5*	660.3*	720.2*
East Germany.....	169.1*	270.3*	320.2*	335.9*	345.8*	358.4*	372.6*	395.5*
Hungary.....	59.6*	121.5*	141.2*	148.3*	192.0*	214.2*	231.0*	250.0*
Poland ^b	289.1*	408.2*	495.5*	531.4*	569.4*	621.3*	679.2*	757.9*
Rumania.....	33.0*	123.0*	185.0*	210.0*	218.0*	263.2*	311.3*	364.2*
Far East								
North Korea.....	8.8*	78.6*	93.0*	110.6*	116.0	N.A.	N.A.	N.A.
North Vietnam.....	0.1*	5.0*	6.7*	7.2*	N.A.	N.A.	N.A.	N.A.
Other								
Albania.....	3.4*	10.3*	14.9*	15.9*	17.0*	18.6*	23.3*	25.6*

* An asterisk indicates that the data are unclassified.

^a Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

^b Data differ from those presented in the previous *Handbook*, which excluded traffic carried by vehicles owned and operated by various industries for their exclusive use.

Table 143

Inland Water Freight Traffic, in Ton-Kilometers
1955, 1960, and 1963-68

1955, 1960, and 1965-68						Million Metric Ton-Kilometers					
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^a	153,000	200,000	217,000	234,000	248,000	262,000	268,000	N.A.			
US ^b	95,000	123,000	140,444	151,426	162,553	173,758	175,000	178,000			
COMMUNIST COUNTRIES ^c											
USSR and Eastern Europe...	74,000	108,000	123,000	134,000	144,000	149,000	155,000	166,000			
USSR.....	67,748	99,602	114,493	124,479	133,928	137,686	143,907	155,000			
Eastern Europe.....	6,300	7,910	8,240	9,350	9,740	11,300	11,400	11,500			
Bulgaria.....	372	615	662	852	1,062	1,240	1,260	1,364			
Czechoslovakia.....	1,485	1,962	1,915	2,170	2,172	2,412	2,243	2,100			
East Germany.....	2,168	2,252	2,003	2,138	2,196	2,556	2,576	2,443			
Hungary.....	847	1,308	1,508	1,668	1,682	2,284	2,300	2,323			
Poland.....	775	904	1,026	1,248	1,409	1,762	1,881	2,021			
Rumania.....	648	865	1,129	1,271	1,222	1,074	1,156	1,248			
Far East ^c											
North Vietnam.....	4	314	448	490	N.A.	N.A.	N.A.	N.A.			
Other											
Yugoslavia.....	2,106	3,272	3,518	4,282	4,354	5,196	4,690	N.A.			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium.....	4,617	5,226	5,688	Netherlands..	15,255	20,020	28,395	West Germany..	28,624	40,390	45,785
France.....	8,917	10,773	12,965	UK.....	300	276	158				

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Traffic for Luxembourg, which began in June 1964, is not available in ton-kilometers.

^b Internal, intraport, and local water traffic, excluding Great Lakes traffic. For 1966, coastwise and foreign trade traffic within US waters together amounted to about 66 billion metric ton-kilometers. In the same year, traffic on the Great Lakes amounted to 119 billion metric ton-kilometers of domestic trade and 50 billion metric ton-kilometers of US foreign trade.

^c Data for North Korea are included with ocean freight traffic in Table 145, p. 133.

Table 144

Inland Water Freight Traffic, in Tons Carried
1955, 1960, and 1963-68

Million Metric Tons Carried											
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^a	694	821	864	954	1,000	1,040	1,090	N.A.			
US ^b	328.91	358.56	390.89	415.03	428.63	443.67	455.77	460.00			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	163	235	265	280	298	312	336	355			
USSR.....	139.49	210.32	239.47	252.32	269.44	279.02	301.81	322.00			
Eastern Europe.....	23.4	25.0	25.1	27.9	28.6	32.8	33.9	33.4			
Bulgaria.....	0.92	1.56	1.61	1.99	2.32	2.67	2.86	2.93			
Czechoslovakia.....	2.84	3.53	4.06	4.50	4.06	4.35	4.20	3.92			
East Germany.....	12.90	12.63	10.98	12.02	12.13	13.37	13.68	13.14			
Hungary.....	1.78	2.39	2.41	2.49	2.58	3.18	3.25	3.25			
Poland.....	3.32	2.95	3.40	3.97	4.68	5.98	6.30	6.57			
Rumania.....	1.60	1.91	2.65	2.89	2.86	3.24	3.58	3.62			
Far East											
North Vietnam.....	0.05	4.84	6.56	7.01	N.A.	N.A.	N.A.	N.A.			
Other											
Yugoslavia.....	6.16	10.04	10.83	12.65	12.81	15.32	15.43	N.A.			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium.....	56.84	61.16	85.33	Luxembourg ^c	0	0	4.83	UK.....	10.64	9.78	7.22
France.....	58.25	68.05	97.64	Netherlands..	112.27	149.67	223.14	West Germany..	124.61	171.36	214.44
Italy.....	2.26	2.54	3.69								

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Internal, intraport, and local water traffic, excluding Great Lakes traffic.^c Traffic began in June 1964.

SECRET

TRANSPORTATION

Table 145

Ocean Freight Traffic, * in Ton-Kilometers, of the Communist Countries
1955, 1960, and 1963-68

	Million Metric Ton-Kilometers							
	1955	1960	1963	1964	1965	1966	1967	1968
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	89,200*	188,000*	312,000*	404,000*	501,000*	573,000*	709,000*	803,000*
USSR ^b	68,900*	131,500*	226,300*	297,600*	388,800*	442,800*	527,100*	585,100*
Eastern Europe.....	20,300*	56,700*	86,000*	106,000*	112,000*	130,000*	182,000*	217,000*
Bulgaria ^c	919*	2,540*	5,443*	8,642*	9,064*	13,213*	27,599*	33,021*
Czechoslovakia.....	2,272*	7,472*	5,493*	8,395*	8,261*	7,442*	9,063*	9,100*
East Germany ^c	480*	10,518*	20,435*	26,990*	30,204*	32,636*	43,722*	49,030*
Hungary.....	82*	230*	323*	351*	388*	571*	560*	600*
Poland ^c ^d	15,806*	34,828*	49,071*	55,106*	55,838*	62,808*	73,921*	95,667*
Rumania.....	712*	1,065*	5,209*	6,855*	8,368*	13,336*	26,790*	30,000*
Far East								
Communist China ^e	10,190*	31,500*	29,700*	N.A.	N.A.	N.A.	N.A.	N.A.
North Korea ^f	23*	135*	219*	257*	283	N.A.	N.A.	N.A.
North Vietnam ^g	4*	68*	142*	156	N.A.	N.A.	N.A.	N.A.
Other								
Albania ^c	17*	269*	725*	1,122*	977*	N.A.	N.A.	N.A.

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for international shipping and include the performance of ships of less than 1,000 gross register tons (GRT).

^b Including Caspian Sea, Danube River, and domestic coastal and intercoastal traffic.

^c Including coastal traffic.

^d Possibly excluding the performance of some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1968, there were 15 of these ships, totaling 125,061 GRT.

^e Coastal traffic only, carried in Chinese and chartered foreign ships.

^f Including both modern coastal and inland water traffic.

^g Coastal traffic only.

SECRET

133

TRANSPORTATION

ALL DATA IN THESE TABLES ARE UNCLASSIFIED

Table 146

Air Passenger Traffic, in Passenger-Kilometers, in the US and the USSR
1955, 1960, and 1963-68

	Billion Passenger-Kilometers							
	1955	1960	1963	1964	1965	1966	1967	1968
US ^a	39.19	62.54	81.05	94.14	110.52	128.57	158.92	183.32
USSR.....	2.80	12.10	25.30	30.90	38.10	45.10	53.50	61.90

^a Revenue passenger-kilometers flown on scheduled service of certificated route air carriers.

Table 147

Civil Airfreight Traffic, ^a in Ton-Kilometers, in the US and the USSR
1955, 1960, and 1963-68

	Million Metric Ton-Kilometers							
	1955	1960	1963	1964	1965	1966	1967	1968
US ^b	842	1,377	2,123	2,557	3,363	4,235	4,730	5,793
USSR.....	252	563	913	1,141	1,338	1,445	1,662	1,830

^a Express, freight, and mail traffic.

^b Revenue ton-kilometers flown on scheduled service of certificated route air carriers.

ALL DATA IN THESE TABLES ARE UNCLASSIFIED
CLASSIFIED MATERIAL ON THE REVERSE

ALL DATA IN THESE TABLES ARE UNCLASSIFIED

TRANSPORTATION

Table 148

Petroleum Pipeline Transportation, in Ton-Kilometers, in the US and the Communist Countries
1955, 1960, and 1963-68

	Billion Metric Ton-Kilometers							
	1955	1960	1963	1964	1965	1966	1967	1968
US.....	296.7	333.8	370.0	392.2	447.3	486.0	527.1	580.0
COMMUNIST COUNTRIES ^a								
USSR.....	14.7	51.2	90.9	112.1	146.7	165.0	183.4	216.0
Rumania.....	0.4	1.0	1.1	1.0	1.1	1.1	1.2	1.2

^a Excluding traffic on the Friendship Pipeline in Czechoslovakia, Poland, East Germany, and Hungary.

Table 149

Petroleum Pipeline Transportation, in Tons Carried, in the US and the Communist Countries
1955, 1960, and 1963-68

	Million Metric Tons Carried							
	1955	1960	1963	1964	1965	1966	1967	1968
US ^a	347.8	414.7	479.3	517.4	554.9	600.9	659.0	720.0
COMMUNIST COUNTRIES ^b								
USSR.....	51.7	129.9	185.5	213.0	225.7	247.7	273.3	301.0
Rumania.....	2.0	5.6	7.3	7.2	7.4	8.0	8.6	8.6

^a Data are for tons originated, thus giving a more realistic comparison with the Communist countries.

^b Excluding traffic on the Friendship Pipeline in Czechoslovakia, Poland, East Germany, and Hungary.

ALL DATA IN THESE TABLES ARE UNCLASSIFIED
CLASSIFIED MATERIAL ON THE REVERSE

TRANSPORTATION

SECRET

Table 150

Construction of Maritime Cargo Ships * in Selected Communist Countries
1955, 1960, and 1963-68

	1955	1960	1963	1964	1965	1966	1967	1968
	Thousand Gross Register Tons							
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	98.2	382	460	503	566	624	631	563
USSR.....	0	58.4	149.9	142.8	155.4	170.2	191.2	107.9
Eastern Europe.....	98.2	324	310	360	411	454	440	455
Bulgaria.....	0	4.1	6.7	9.8	10.3	10.3	11.8	17.7
East Germany.....	16.3	123.0	95.1	108.8	144.3	165.8	146.8	164.0
Hungary.....	10.8	20.7	15.1	16.3	15.1	15.1	8.8	12.8
Poland.....	71.1	166.7	178.8	203.1	218.5	246.5	247.5	226.3
Rumania.....	0	9.6	14.6	22.1	22.8	16.6	24.9	34.2
Far East								
Communist China.....	0	15.1	0	23.7	8.6	0	8.6	4.5
								Units
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	50	112	94	95	115	120	119	107
USSR.....	0	10	21	21	25	24	33	28
Eastern Europe.....	50	102	73	74	90	96	86	79
Bulgaria.....	0	3	2	2	4	4	5	7
East Germany.....	5	39	22	18	32	38	29	26
Hungary.....	9	16	12	13	12	12	7	10
Poland.....	36	40	32	34	33	37	37	27
Rumania.....	0	4	5	7	9	5	8	9
Far East								
Communist China.....	0	5	0	4	1	0	1	2

* Data are for oceangoing cargo ships of 1,000 gross register tons or more completed during the year and exclude miscellaneous auxiliary ships, harbor craft, and small coastal ships.

SECRET

TRANSPORTATION

Table 151

Construction of Maritime Tankers * in Selected Communist Countries
1955, 1960, and 1963-68

	1955	1960	1963	1964	1965	1966	1967	1968
	Thousand Gross Register Tons							
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	97.8	112	119	175	188	221	101	149
USSR.....	97.8	95.9	81.3	152.2	167.5	200.3	49.7	104.9
Eastern Europe.....	0	15.7	38.0	23.0	20.9	20.9	51.3	43.9
Bulgaria.....	0	11.5	11.5	23.0	7.6	7.6	11.5	3.8
East Germany.....	0	4.2	0	0	0	0	0	0
Poland.....	0	0	26.5	0	13.3	13.3	39.8	40.1
Far East								
Communist China.....	0	3.3	0	0	4.7	10.3	5.6	2.3
								Units
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	24	19	8	13	11	12	12	16
USSR.....	24	13	3	7	8	9	6	12
Eastern Europe.....	0	6	5	6	3	3	6	4
Bulgaria.....	0	3	3	6	2	2	3	1
East Germany.....	0	3	0	0	0	0	0	0
Poland.....	0	0	2	0	1	1	3	3
Far East								
Communist China.....	0	1	0	0	2	4	2	1

* Data are for oceangoing tankers of 1,000 gross register tons or more completed during the year and exclude miscellaneous auxiliary ships, harbor craft, and small coastal ships.

Table 152

Construction of Fishing Ships in Selected Communist Countries *
1955, 1960, and 1963-68

	1955	1960	1963	1964	1965	1966	1967	1968
	Thousand Gross Register Tons							
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	53.9	187	202	258	327	318	451	422
USSR.....	20.5	77.2	125.6	148.7	190.6	180.2	248.7	223.2
Eastern Europe.....	33.4	109	76.1	109	137	137	203	198
East Germany.....	18.1	46.3	44.3	59.7	68.2	76.5	97.1	76.8
Poland.....	15.3	63.1	31.8	49.5	68.6	60.9	105.5	121.6
								Units
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	N.A.	162	95	125	139	137	220	156
USSR.....	N.A.	30	54	83	89	89	160	101
Eastern Europe.....	56	132	41	42	50	48	60	55
East Germany.....	27	93	22	24	32	35	42	32
Poland.....	29	39	19	18	18	13	18	23

* Only countries in which domestic construction is a significant percentage of overall construction are listed. Data exclude small fishing boats, seiners, and miscellaneous boats.

SECRET

137

TRANSPORTATION

SECRET

Table 153

Production of Mainline Locomotives ^a in Selected NATO and Communist Countries
1955, 1960, and 1963-68

	Units							
	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES								
US ^b	1,381*	886*	1,335*	1,435*	1,793*	1,800*	1,379*	1,120*
Canada ^c	362*	172*	159*	169*	N.A.*	N.A.*	N.A.*	N.A.*
France.....	284*	311*	318*	270*	293*	244*	230*	230*
Italy ^d ^e	88*	150*	104*	137*	141*	156*	118*	138*
UK ^f	760* ^g	1,181*	701*	695*	719*	463*	356*	263*
West Germany.....	900* ^h	1,231*	1,118*	1,110*	947*	776*	493*	350*
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	328*	1,699*	2,162*	2,122*	2,126*	2,129*	1,885*	1,854*
Eastern Europe								
Czechoslovakia.....	10*	172*	244*	246*	269	233	231	207
East Germany.....	0	2	76	89	86	128	146	115
Hungary ^d ⁱ	0*	0*	17*	12	17*	34*	22*	N.A.
Poland ^d ⁱ	7*	38*	44*	66*	72*	80*	101*	109*
Rumania ^g	0*	10*	59*	85*	110*	125*	133*	167*
Far East								
Communist China ^j	100	600	25	25	50	142	167	176
North Korea ^d	0	0	15*	18	20	20	22	26

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for diesel, diesel-electric, and electric railroad locomotives of 1,000 horsepower or more. Because of the lack of consistency, totals for the NATO and the Communist countries have been omitted. For data on diesel and electric locomotives, see Table 154, p. 139, and Table 155, p. 139.

^b Data are for locomotive units, delivered domestically and exported, that are substantially new but also may include a limited amount of used equipment.

^c Shipments.

^d Electric locomotives only.

^e Production for the government only. Data include rail motor vehicles.

^f Except for 1955, data are for locomotives added to the operating stock by the British Railways and the London Transport Boards and for those exported.

^g Diesel locomotives only.

^h Excluding data for the Saar.

ⁱ Excluding narrow-gauge locomotives.

^j Before 1965, data are for steam locomotives only. Communist China began production of diesel locomotives in 1965.

SECRET

TRANSPORTATION

Table 154

Production of Mainline Diesel Locomotives * in Selected NATO and Communist Countries
1955, 1960, and 1963-68

	1955	1960	1963	1964	1965	1966	1967	1968
	Units							
NATO COUNTRIES								
US ^b	1,371*	885*	1,322*	1,435*	1,793*	1,800*	1,376*	1,120*
France.....	172*	143*	204*	178*	209*	173*	167*	176*
UK ^c	760*	1,007*	648*	624*	565*	304*	222*	188*
West Germany.....	842* ^d	1,110*	816*	789*	681*	556*	311*	250*
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	134*	1,303*	1,519*	1,484*	1,485*	1,529*	1,497*	1,499*
Eastern Europe								
Czechoslovakia.....	0*	3*	32*	19*	25	35	40	45
East Germany.....	0	2	16	35	26	68	136	95
Rumania.....	0*	10*	59*	85*	110*	125*	133*	167*
Far East								
Communist China.....	0	0	0	0	26	70	68	76

* An asterisk indicates that the data are unclassified.

^a Including diesel and diesel-electric locomotives of 1,000 horsepower or more.

^b Data are for locomotive units, delivered domestically and exported, that are substantially new but also may include a limited amount of used equipment.

^c Except for 1955, data are for diesel and diesel-electric locomotives added to the operating stock by the British Railways and the London Transport Boards and for those exported.

^d Excluding data for the Saar.

Table 155

Production of Mainline Electric Locomotives * in Selected NATO and Communist Countries
1955, 1960, and 1963-68

	1955	1960	1963	1964	1965	1966	1967	1968
	Units							
NATO COUNTRIES								
US.....	10*	1*	13*	0*	0*	0*	3*	0*
France.....	112*	168*	114*	92*	84*	71*	63*	54*
Italy ^b	88*	150*	104*	137*	141*	156*	118*	138*
UK ^c	N.A.*	174*	53*	71*	154*	159*	134*	75*
West Germany.....	58* ^d	121*	302*	321*	266*	220*	182*	100*
COMMUNIST COUNTRIES								
USSR and Eastern Europe								
USSR.....	194*	396*	643*	638*	641*	600*	388*	355*
Eastern Europe								
Czechoslovakia.....	10*	169*	212*	227*	244*	198*	191*	162*
East Germany.....	0	0	60	54	60	60	10	20
Hungary ^e	0*	0*	17*	12*	17*	34*	22*	N.A.
Poland ^e	7*	38*	44*	66*	72*	80*	101*	109*
Far East								
North Korea.....	0	0	15*	18	20	20	22	26

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for electric locomotives of 1,000 horsepower or more.

^b Production for the government only. Data include rail motor vehicles.

^c Data are for electric locomotives added to the operating stock by the British Railways and the London Transport Boards and for those exported.

^d Excluding data for the Saar.

^e Excluding narrow-gauge locomotives.

SECRET

139

TRANSPORTATION

SECRET

Table 156

Production of Railroad Freight Cars ^a
1955, 1960, and 1963-68

							Thousand Units				
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	133*	86.1*	77.3*	112*	124*	125*	113*	80.2*			
US ^c	42.04*	57.31*	44.97*	69.08*	77.90*	90.35*	83.10*	56.23*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	58.8*	64.9*	67.8*	73.0*	73.1*	75.0*	75.3*	N.A.			
USSR.....	34.40*	36.40*	37.20*	39.50*	39.60*	40.20*	43.80*	48.10*			
Eastern Europe.....	2.44*	28.5*	30.6*	33.5*	33.5*	34.8*	31.5*	N.A.			
Bulgaria.....	0.99*	2.01*	1.63*	1.39*	1.58*	1.93*	1.79*	1.55*			
Czechoslovakia.....	5.55*	5.15*	5.58*	5.18*	4.30*	4.44*	4.19*	N.A.			
East Germany.....	4.00*	2.38*	2.60*	2.33*	2.17*	3.69*	4.22*	4.50*			
Hungary.....	0.57*	0.45*	0.10*	0.58*	0.55*	0.56*	0.58*	0.59*			
Poland.....	11.92*	13.89*	15.54*	15.66*	16.29*	16.60*	12.70*	13.10*			
Rumania.....	1.37*	4.62*	5.12*	8.32*	8.58*	7.61*	8.03*	8.50*			
Far East											
Communist China.....	9.26*	23	5	6	7	8	7	9			
North Korea.....	0*	0.64*	1.24*	1.50*	1.60	1.75	N.A.	N.A.			
Other											
Yugoslavia.....	0.48*	3.42*	2.76*	3.49*	4.85*	4.24*	2.37*	3.50*			
Other NATO Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Canada ^e	3.74*	2.51*	6.06* ^d	Italy.....	0.04*	3.15*	1.10*	West Germany.	14.70* ^f	6.63*	3.20*
France.....	8.43*	7.93*	10.73*	UK ^e	63.86*	8.52*	2.90*				

* An asterisk indicates that the data are unclassified.

^a Units of two, four, or more axles. The majority of the production now consists of four-axle units.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^c Shipments.

^d Data are for 1965 and are included in the NATO totals for 1966-68.

^e Except for 1955, data are for the freight cars added to the operating stock by the British Railways and the London Transport Boards and for those exported.

^f Excluding data for the Saar.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

TRANSPORTATION

Table 157

Production of Passenger Automobiles
1955, 1960, and 1963-68

Thousand Units

thousand U.S.

	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^a	10,700	11,900	14,800	15,300	17,100	17,000	15,400	18,000			
US ^b	7,920.2	6,674.8	7,637.7	7,751.8	9,305.6	8,598.3	7,436.8	8,822.2			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	146	272	332	341	408	459	503	572			
USSR.....	107.8	138.8	173.1	185.2	201.2	230.2	251.4	280.3			
Eastern Europe.....	38.7	133	159	156	207	228	252	291			
Bulgaria.....	0	0	0	0	0	0	1.0	5.0			
Czechoslovakia.....	12.5	56.2	56.5	42.1	77.7	92.7	111.7	126.0			
East Germany.....	22.2	64.1	84.3	93.1	102.9	106.5	111.5	118.0			
Poland.....	4.0	12.9	18.3	20.6	26.4	29.2	27.7	40.4			
Rumania.....	0	0	0	0	0	0	0	2.0			
Other											
Yugoslavia ^c	0.8	10.5	20.9	27.9	36.4	37.7	47.9	59.4			
Other NATO Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Belgium ^d ...	N.A.	N.A.	164.3 ^e	Italy ^f	231.0	595.9	1,544.4	UK.....	897.6	1,352.7	1,815.9
Canada.....	374.6	325.8	900.9	Netherlands	Negl.	15.2	52.0	West Germany	762.2 ^g	1,816.8	2,868.0 ^h
France.....	553.3	1,135.6	1,832.4								
Other Free World Countries											
	1955	1960	1968								
Japan.....	20.3	165.1	2,055.8								

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data include complete units exported for assembly.

^b Factory sales.

^c Including vehicles assembled from imported parts.

^d Including data for Luxembourg.

^e Data are for 1967 and are included in the NATO total for 1968.

^f Excluding production for the armed forces.

^g Excluding data for the Saar.

^h Including data for West Berlin, for which separate data are not available.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED
CLASSIFIED MATERIAL ON THE REVERSE

TRANSPORTATION

SECRET

Table 158

Production of Trucks and Buses ^a
1955, 1960, and 1963-68

Thousand Units

	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	2,030*	2,250*	2,560*	2,710*	2,920*	2,980*	2,730*	3,220*			
US ^c	1,249.1*	1,194.5*	1,462.7*	1,540.5*	1,751.8*	1,731.1*	1,539.5*	1,896.1*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	387*	458*	502*	508*	514*	559*	604*	658*			
USSR.....	337.5*	384.8*	413.9*	417.9*	415.1*	445.0*	477.4*	520.6*			
Eastern Europe.....	49.1*	72.9*	88.5*	90.5*	98.4*	114*	126*	137*			
Czechoslovakia ^d	14.0*	19.1*	17.9*	16.0*	19.1*	20.8*	23.6*	25.7*			
East Germany ^e	14.2*	12.9*	10.1*	11.8*	15.2*	20.2*	21.9*	23.0*			
Hungary ^d	5.4*	4.8*	6.1*	6.3*	7.1*	8.0*	8.3*	9.2*			
Poland ^d	12.5*	24.0*	34.2*	34.3*	34.2*	37.8*	40.6*	44.5*			
Rumania.....	3.0*	12.1*	20.2*	22.1*	22.8*	27.0*	31.8*	35.0*			
Far East											
Communist China.....	Negl.	15	16	26	34	47	34	31			
North Korea.....	0*	3.1*	4.0*	2.6	4.5	6.0	8.0	9.5			
Other											
Yugoslavia ^{d f}	2.7*	5.5*	9.8*	11.4*	11.9*	11.8*	12.1*	13.7*			
Other NATO Countries											
	1955	1960	1968	1955	1960	1968	1955	1960	1968		
Belgium ^g ...	0.4* ^h	0.5*	25.1* ⁱ	Italy ^f	38.4*	48.9*	117.7*	UK.....	339.5*	458.0*	409.2*
Canada.....	77.5*	72.0*	279.1*	Netherlands..	1.9*	4.1*	8.8*	West Germany.	146.4* ^j	237.9*	240.0* ^k
France.....	171.8*	233.6*	242.4*								
Other Free World Countries											
	1955	1960	1968								
Japan.....	134.7*	595.2*	2,051.8*								

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data include complete units exported for assembly.^c Factory sales.^d Excluding wheeled tractors.^e Trucks only.^f Excluding production for the armed forces.^g Including data for Luxembourg.^h Data are for 1956 and are included in the NATO total for 1955.ⁱ Data are for 1967 and are included in the NATO total for 1968.^j Excluding data for the Saar.^k Including data for West Berlin, for which separate data are not available.

SECRET

TRANSPORTATION

Table 159

Inventory of Civil Aircraft ^a in the US and the USSR
1955, 1960, and 1963-68

	Units							
	1955	1960	1963	1964	1965	1966	1967	1968
US								
Total airliners ^b	1,620*	2,110*	2,010*	2,020*	2,070*	2,230*	2,410*	2,560*
Jet.....	0*	202*	432*	564*	725*	1,006*	1,344*	1,781*
Turboprop.....	8*	230*	267*	276*	312*	372*	444*	458*
Piston.....	1,613*	1,678*	1,307*	1,183*	1,037*	849*	622*	316*
Transport helicopters.....	20*	25*	20*	20*	21*	21*	22*	16*
USSR								
Total airliners.....	1,660	1,870	1,810	1,980	2,120	1,990	2,090	2,220
Jet.....	75	190	220	220	230	230	260	275
Turboprop.....	40	180	440	510	560	660	830	1,050
Piston.....	1,550	1,500	1,150	1,250	1,330	1,100	1,000	900
Transport helicopters.....	40	225	270	370	630 ^c	700	720	750

* An asterisk indicates that the data are unclassified.

^a Data are as of the end of the year and exclude light aircraft.

^b Including all aircraft that perform commercial for-hire operations. In the US, there are about 2,500 multiengine aircraft of more than 2,000 horsepower, which are operated by private corporations and individuals. The USSR has no counterpart.

^c The large increase in the inventory shown for helicopters from 1964 to 1965 is probably due to inadequate intelligence reporting of the helicopter inventory before 1965, rather than to any absolute increase of this magnitude.

SECRET

143

TRANSPORTATION

SECRET

Table 160

Inventory of Locomotives ^a
1955, 1960, and 1963-68

	Units										
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^b	89,900*	79,800*	72,700*	70,000*	67,600*	65,200*	62,000*	N.A.*			
US ^{c,d}	33,502*	31,178*	30,506*	30,296*	30,061*	30,124*	29,874*	29,600*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	58,000*	57,400*	52,100*	51,800*	51,200*	51,100*	49,900*	49,500*			
USSR.....	34,800*	34,200*	28,500*	27,500*	26,900*	26,700*	26,900*	27,200*			
Eastern Europe.....	23,200*	23,200*	23,600*	24,300*	24,300*	24,400*	23,000*	22,300*			
Bulgaria.....	604*	635*	732*	732*	730*	730*	720*	710*			
Czechoslovakia.....	5,134*	5,230*	5,382*	5,520*	5,520*	5,520*	5,493*	4,879*			
East Germany.....	6,476*	6,023*	5,985*	5,985*	5,985*	6,075*	4,942*	4,927*			
Hungary.....	2,322*	2,460*	2,575*	2,626*	2,626*	2,626*	2,588*	2,590*			
Poland.....	5,600*	5,800*	5,922*	6,334*	6,334*	6,334*	6,194*	6,166*			
Rumania.....	3,048*	3,012*	3,052*	3,104*	3,124*	3,124*	3,077*	2,995*			
Far East											
Communist China.....	N.A.	6,500	6,250	6,125	6,020	6,020	6,010	6,000			
North Korea.....	N.A.	350	392	401	426	436	451	466			
North Vietnam.....	60	70	90	120	120	N.A.	N.A.	N.A.			
Other											
Albania.....	7*	9*	9*	9*	9*	9*	9*	11*			
Yugoslavia.....	2,335*	2,325*	2,294*	2,320*	2,284*	2,192*	2,103*	N.A.			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium...	2,097*	1,494*	1,075*	Italy ^e	5,664*	5,282*	4,027* ^h	Turkey....	997*	983*	966*
Canada ^e ...	4,713*	3,752*	3,311*	Luxembourg..	130*	121*	78*	UK ^e	18,564*	16,047* ⁱ	5,471* ⁱ
Denmark ^e ...	758* ^e	663*	559* ^f	Netherlands..	760*	684*	675*	West Ger-			
France....	10,245*	7,963*	6,486*	Norway.....	533*	455*	320*	many...	11,268*	10,442*	8,300*
Greece....	201*	231*	346* ^g	Portugal.....	509*	457*	482*				

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for the state or principal railroad system and include diesel, diesel-electric, steam, and electric locomotives. Unless otherwise indicated, data are as of the end of the year.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Including secondary or private railroads operating as common carriers.^d Including gas turbine locomotives.^e As of 31 March of the stated year.^f Data for government railroads are for 1967, and data for private railroads are for 1966.^g Data are for 1966 and are included in the NATO total for 1967.^h Data for government railroads are for 1967, and data for private railroads are for 1965.ⁱ Including data for Northern Ireland.

SECRET

TRANSPORTATION

Table 161

Inventory of Railroad Freight Cars * in NATO and Communist Countries
1955, 1960, and 1963-68

Thousand Units

	1955	1960	1963	1964	1965	1966	1967	1968			
US ^{b c}	1,996.4*	1,945.7*	1,816.2*	1,803.7*	1,806.2*	1,833.5*	1,832.6*	1,820.0*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe											
USSR ^d	832.0*	949.0*	998.0*	1,015.0*	1,030.0*	1,043.0*	1,060.0*	1,072.0*			
Eastern Europe											
Bulgaria.....	16.3*	22.8*	28.8*	30.5*	33.5*	36.5*	37.7*	37.7*			
Czechoslovakia.....	119.7*	134.0*	144.7*	146.1*	147.3*	152.2*	152.9*	152.9*			
East Germany ^e	144.7*	149.4*	154.0*	154.4*	157.0*	159.4*	154.0*	154.0*			
Hungary ^e	58.2*	62.0*	69.0*	70.9*	73.4*	75.5*	76.8*	77.5*			
Poland ^e	210.0*	249.0*	258.8*	261.3*	263.9*	266.6*	267.3*	267.7*			
Rumania.....	52.2*	55.5*	62.6*	65.6*	68.6*	71.9*	76.4*	79.5*			
Far East											
Communist China ^f	73.8	131.9	136.5	139.3	143.2	149.2	154.5	160.3			
North Korea ^f	N.A.	10.4	13.3	13.9	15.2	16.5	17.1	N.A.			
North Vietnam.....	0.7	1.0	1.4	1.8	1.5-1.6	N.A.	N.A.	N.A.			
Other											
Albania ^e	0.2*	0.5*	0.7*	0.7*	0.9*	1.1*	1.3*	1.4*			
Yugoslavia.....	67.1*	72.6*	72.2*	72.8*	72.4*	71.2*	68.6*	N.A.			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium...	76.5*	74.0*	50.1*	Italy ^e	130.8*	133.7*	137.0* ^h	Portugal.....	10.1*	10.2*	9.4*
Canada ^e ...	186.0*	196.6*	203.7*	Luxembourg.	3.7*	3.6*	3.8*	Turkey.....	17.1*	17.2*	17.8*
Denmark..	14.0*	12.6*	11.4*	Netherlands.	24.3*	22.2*	21.3*	UK ^{e i}	1,118.6*	956.0* ^j	464.0* ^j
France....	377.1*	362.2*	342.2*	Norway.....	12.6*	11.9*	10.8*	West Germany.	295.7*	309.6*	326.4* ^k
Greece.....	5.1*	6.3*	8.5* ^k								

* An asterisk indicates that the data are unclassified.

^a Units of two, four, or more axles. Unless otherwise indicated, data refer to both state and private ownership of cars used on the state or principal railroad system. Data are as of the end of the year. Because of the lack of comparability in data, totals for the NATO and the Communist countries are omitted.

^b Units of four or more axles.

^c Including secondary or private railroads operating as common carriers.

^d In 1968, about 90 percent of the freight cars had four or more axles, and these cars accounted for at least 96 percent of total freight-carrying capacity.

^e Excluding narrow-gauge rolling stock.

^f The majority are four-axle units.

^g Data are for 1966.

^h Data for government railroads are for 1967, and data for private railroads are for 1965.

ⁱ Excluding privately owned tank cars.

^j Including data for Northern Ireland.

SECRET

145

TRANSPORTATION

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

Table 162

Inventory of Civilian Trucks ^a
1955, 1960, and 1963-68

Thousand Units

	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES.....	14,700	17,500	19,900	21,000	22,000	23,100	24,000	N.A.
US ^b	9,846 ^c	11,329	12,659	13,283	14,035	14,721	15,359	15,291
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	2,380	3,550	4,140	4,320	4,470	4,660	4,830	5,040
USSR.....	2,110	3,140	3,630	3,780	3,900	4,030	4,160	4,320
Eastern Europe.....	268	413	505	542	574	631	670	715
Bulgaria.....	9	20	21	22	22	25	26	29
Czechoslovakia.....	62	90	110	118	122	130	138	145
East Germany.....	94	117	120	133	147	173	183	193
Hungary.....	18	26	40	41	42	45	49	56
Poland.....	73	120	164	174	183	196	208	220
Rumania.....	12	40	50	54	58	62	66	72
Other								
Albania.....	2	3	4	4	5	5	6	6
Yugoslavia.....	26	51	59	67	78	91	109	N.A.

Other NATO Countries

	1955	1960	1967		1955	1960	1967		1955	1960	1967
Belgium.....	137	177	236 ^d	Iceland.....	5	6	6	Portugal.....	40	50	62 ^d
Canada.....	939	1,039	1,321	Italy.....	413	612	1,058	Turkey.....	34	57	110
Denmark.....	99	166 ^e	249 ^e	Luxembourg...	6	8	11	UK ^b	1,145 ⁱ	1,442 ⁱ	1,782 ^{j k}
France.....	1,156	1,597	2,361	Netherlands ^a ...	102	158	265	West Germany ^j ...	632	687	1,015
Greece.....	28 ^f	37	81	Norway.....	80	107	133				

^a Excluding military trucks of all types. Unless otherwise indicated, data are as of the end of the year and include wheeled tractors for road haulage.

^b Data are for the number of registrations of privately owned trucks and include duplications when trucks are registered in more than one state. Farm trucks restricted to use in the vicinity of the farm are excluded.

^c Excluding data for Alaska and Hawaii.

^d Data are for 1966 and are included in the NATO total for 1967.

^e Excluding wheeled tractors.

^f Data are for 1956 and are included in the NATO total for 1955.

^g As of 1 August of the stated year.

^h Including data for Northern Ireland.

ⁱ As of 1 October of the stated year.

^j As of 1 July of the stated year.

^k Data for the UK are for 1967, and data for Northern Ireland are for 1966.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED
CLASSIFIED MATERIAL ON THE REVERSE

Table 163

Inventory of Merchant Fleet *
Selected Years, 1955-68

	1955		1960		1963		1965		1967		1968	
	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
NATO COUNTRIES ^b	10,000*	66,300*	10,800*	79,800*	10,600*	86,400*	9,940*	86,600*	9,570*	89,900*	9,460*	93,000*
US ^c	3,235*	24,819*	2,960*	23,870*	2,691*	22,692*	2,449*	21,203*	2,209*	19,495*	2,101*	18,819*
COMMUNIST COUNTRIES												
USSR and Eastern												
Europe.....	696	2,400	1,020	4,220	1,350	6,450	1,660	8,960	1,940	11,200	2,070	12,100
USSR ^d	605	2,041	829	3,283	1,058	4,900	1,284	6,906	1,476	8,408	1,577	9,128
Eastern Europe.....	91*	361*	189*	932*	293*	1,550*	376*	2,060*	464*	2,760*	490*	3,000*
Bulgaria ^e	5*	12*	15*	46*	30*	155*	61*	381*	84*	530*	94*	584*
Czechoslovakia ^f ..	3*	17*	11*	85*	11*	82*	10*	74*	10*	84*	10*	84*
East Germany....	3*	8*	29*	174*	62*	400*	95*	593*	118*	746*	114*	713*
Hungary.....	3*	3*	8*	10*	12*	14*	16*	20*	19*	23*	21*	33*
Poland ^g	70*	290*	119*	585*	159*	813*	164*	865*	187*	1,078*	204*	1,256*
Rumania.....	7*	31*	7*	32*	19*	84*	30*	124*	46*	302*	47*	328*
Far East												
Communist												
China ^h	64	169	147	516	156	567	174	710	214	983	232	1,106
North Korea.....	0*	0*	0*	0*	2*	3*	2*	3*	4*	15*	4*	15*
North Vietnam...	0	0	0	0	1	2	2	5	4	8	4	8
Other												
Albania ⁱ	N.A.	N.A.	4*	8*	8*	33*	8*	33*	9*	36*	9*	37*
Cuba ^b	9*	23*	28*	89*	32*	124*	29*	128*	40*	223*	40*	223*
Yugoslavia ^b	61*	245*	130*	617*	163	872*	174*	933*	178*	1,092*	182*	1,237*
Other NATO Countries												Thousand GRT
	1955	1960	1968		1955	1960	1968		1955	1960	1968	
Belgium.....	433*	646*	863*	Iceland.....	38*	53*	51*	Portugal.....	434*	466*	626*	
Canada.....	357*	293*	264*	Italy.....	3,700*	4,758*	6,043*	Turkey.....	469*	603*	566*	
Denmark.....	1,512*	2,027*	2,873*	Netherlands...	3,211*	4,327*	4,667*	UK.....	17,482*	19,370*	20,119*	
France.....	3,635*	4,472*	5,449*	Norway.....	6,862*	10,708*	19,111*	West Germany..	2,166*	4,137*	6,124*	
Greece.....	1,187*	4,095*	7,436*									

* An asterisk indicates that the data are unclassified.

^a Ships of 1,000 gross register tons (GRT) or more. Unless otherwise indicated, data are as of the end of the year. Data for the NATO countries include all combination passenger and cargo ships, whereas, unless otherwise indicated, those for the Communist countries exclude passenger ships that have small cargo capacities.

^b Data are as of midyear.

^c Excluding ships operating only on the Great Lakes.

^d Excluding the Caspian Sea fleet and including refrigerator ships and tankers serving the fishing fleet.

^e Before August 1968, a few additional Bulgarian-owned ships were operated under the flags of Free World countries.

^f From 1955 until March 1967, an undetermined number of Czechoslovak-flag ships were jointly owned with Communist China.

^g Including some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1968, there were 15 of these ships, totaling 125,061 GRT.

^h Including coastal passenger ships.

ⁱ Except for 1960, data include a number of ships jointly owned by the Chinese-Albanian Joint Stock Shipping Company. At the end of 1968, there were three of these ships, totaling 22,162 GRT.

SECRET

SECRET

TRANSPORTATION

Table 164

Inventory of Tanker Fleet *
Selected Years, 1955-68

	1955		1960		1963		1965		1967		1968		
	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	
NATO COUNTRIES ^b	1,880*	17,800*	2,160*	25,400*	2,080*	28,700*	1,940*	30,600*	1,890*	33,300*	1,880*	34,900*	
US ^c	426*	4,282*	428*	4,910*	388*	4,890*	351*	4,762*	317*	4,500*	315*	4,525*	
COMMUNIST COUNTRIES													
USSR and Eastern Europe.....	75	370	140	923	189	1,560	235	2,440	281	3,080	299	3,310	
USSR ^d	72	349	128	820	163	1,303	206	2,135	246	2,718	266	2,936	
Eastern Europe.....	3*	21*	12*	103*	26*	257*	29*	300*	35*	363*	33*	375*	
Bulgaria.....	0*	0*	2*	10*	7*	55*	12*	118*	16*	149*	16*	146*	
Czechoslovakia.....	0*	0*	1*	13*	1*	13*	0*	0*	0*	0*	0*	0*	
East Germany.....	0*	0*	4*	33*	10*	94*	10*	94*	11*	102*	8*	97*	
Poland.....	3* ^e	21* ^e	5*	47*	6*	70*	5*	63*	5*	63*	5*	63*	
Rumania.....	0*	0*	0*	0*	2*	25*	2*	25*	3*	49*	4*	69*	
Far East													
Communist China... ..	N.A.	N.A.	11	22	13	40	17	88	25	110	27	127	
North Vietnam.....	0	0	0	0	0	0	0	0	1	2	1	2	
Other													
Cuba ^e	1*	1*	2*	3*	2*	4*	2*	5*	2*	5*	2*	5*	
Yugoslavia ^e	2*	14*	6*	40*	10*	70*	11*	64*	16*	98*	17*	166*	
Other NATO Countries												Thousand GRT	
	1955	1960	1968		1955	1960	1968		1955	1960	1968		
Belgium.....	80*	157*	303*	Iceland.....	0*	12*	5*	Portugal.....	70*	121*	199*		
Canada.....	136*	126*	80*	Italy.....	1,173*	1,587*	2,247*	Turkey.....	47*	77*	161*		
Denmark.....	499*	822*	1,208*	Netherlands... ..	802*	1,348*	1,854*	UK.....	4,998*	6,869*	8,132*		
France.....	1,176*	1,837*	2,852*	Norway.....	4,141*	6,215*	10,092*	West Germany..	244*	564*	1,292*		
Greece.....	159*	798*	1,968*										

* An asterisk indicates that the data are unclassified.

* Tankers and whaling tankers of 1,000 gross register tons (GRT) or more. Unless otherwise indicated, data are as of the end of the year.

^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries." Data are as of midyear.^c Excluding ships operating only on the Great Lakes.^d Excluding the Caspian Sea fleet.^e Data are as of midyear.

TRANSPORTATION

SECRET

SECRET

COMMUNICATIONS

Table 165

Telephones in Use ^a
1955, 1960, and 1963-68

	Thousand Telephones							
	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES.....	81,000*	108,000*	125,000*	132,000*	140,000*	149,000*	157,000*	N.A.*
US.....	56,436*	74,342*	84,452*	88,793*	93,656*	98,789*	103,752*	108,900*
COMMUNIST COUNTRIES ^b								
USSR and Eastern Europe...	4,550*	6,680*	8,350*	9,110*	13,200*	13,700*	16,000*	17,400*
USSR ^c	1,932*	2,697*	3,479*	3,900*	7,700*	7,800*	9,700*	10,800*
Eastern Europe.....	2,620*	3,980*	4,870*	5,210*	5,520*	5,900*	6,290*	6,610*
Bulgaria.....	112*	172*	225*	249*	260*	306*	337*	372*
Czechoslovakia.....	662*	1,016*	1,300*	1,399*	1,481*	1,583*	1,705*	1,785*
East Germany.....	1,042*	1,292*	1,513*	1,587*	1,659*	1,724*	1,810*	1,885*
Hungary.....	183*	418*	485*	504*	525*	549*	574*	600*
Poland.....	475*	881*	1,088*	1,193*	1,294*	1,411*	1,500*	1,590*
Rumania ^d	145*	201*	260*	281*	306*	331*	360*	376*
Far East								
North Korea ^d	17*	51*	64*	91*	N.A.	N.A.	N.A.	N.A.
North Vietnam.....	2	N.A.	N.A.	N.A.	12	N.A.	N.A.	N.A.
Other								
Albania.....	4*	7*	10*	10*	11*	N.A.	N.A.	N.A.
Cuba.....	142*	200*	224*	229*	231*	234*	238*	242*
Yugoslavia.....	161*	260*	322*	370*	415*	460*	505*	600*

Other NATO Countries

	1955	1960	1967		1955	1960	1967		1955	1960	1967
Belgium....	878*	1,143*	1,754*	Iceland.....	27*	40*	63*	Portugal.....	256*	395*	616*
Canada.....	4,149*	5,728*	8,385*	Italy.....	2,329*	3,861*	7,057*	Turkey.....	139*	304*	428*
Denmark....	897*	1,072*	1,469*	Luxembourg..	32*	51*	94*	UK ^f	6,880*	8,270*	12,099*
France.....	3,117*	4,358*	7,000*	Netherlands..	1,117*	1,613*	2,716*	West Germany.	3,985*	5,994*	10,321*
Greece.....	122*	222*	660*	Norway.....	588* ^e	740*	987*				

^a An asterisk indicates that the data are unclassified.^a Unless otherwise indicated, data are as of the end of the year and are for both private and public telephones in use that can be connected to a central exchange.^b Telephones operated by the various civil departments of post and telecommunications and, unless otherwise indicated, excluding telephones serviced by other functional ministries and the military.^c Beginning in 1965 data include telephones used by the functional ministries and exclude those used by the military.^d Telephone subscribers.^e Data are as of midyear.^f Data are as of 31 March of the following year.

SECRET

149

COMMUNICATIONS

SECRET

Table 166

Long-Distance Telephone Calls
1955, 1960, and 1963-68

							Million Telephone Calls				
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES *	4,920*	7,320*	9,160*	9,890*	10,900*	11,900*	12,900*	N.A.*			
US.....	2,475.0*	3,427.0*	3,984.0*	4,334.0*	4,734.0*	5,196.0*	5,602.0*	6,000.0*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	521*	672*	783*	827*	904*	966	1,040	1,110			
USSR.....	135.0*	185.0*	218.0*	227.0*	257.0*	283.0*	314.0*	344.0*			
Eastern Europe.....	386*	487*	565*	600*	647*	684	727	768			
Bulgaria.....	29.9*	31.7*	35.7*	36.5*	37.8*	38.7*	39.5*	40.6*			
Czechoslovakia.....	71.6*	100.6*	109.0*	114.1*	117.5*	127.5*	132.8*	136.0*			
East Germany.....	127.5*	167.4*	202.1*	225.8*	253.4*	274.1*	297.8*	321.7*			
Hungary.....	25.2*	30.5*	34.7*	35.2*	36.7*	31.3	33.4	35.6			
Poland.....	97.0*	108.8*	122.5*	124.4*	131.8*	137.1*	142.8*	148.8*			
Rumania.....	34.9*	47.8*	60.9*	63.9*	70.0*	74.8*	80.6*	85.5*			
Far East											
North Korea.....	7.7*	5.1*	8.7*	9.4*	N.A.	N.A.	N.A.	N.A.			
North Vietnam.....	1.0	3.9*	5.7	N.A.	N.A.	N.A.	N.A.	N.A.			
Other											
Albania.....	1.1*	1.8*	2.3*	2.5*	2.6*	N.A.	N.A.	N.A.			
Cuba.....	6.0*	8.6*	12.8	14.3	15.7	16.2	N.A.	N.A.			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium..	83.7*	123.7*	225.3*	Iceland.....	1.7*	2.0* ^b	6.4*	Portugal.....	43.3*	62.8*	79.1*
Canada...	153.1*	227.3*	354.1*	Italy.....	233.0*	451.8*	890.5*	Turkey.....	7.5*	12.8*	26.5*
Denmark..	171.8*	249.2*	406.8*	Netherlands..	264.6*	456.0*	826.5*	UK ^d	335.1*	425.0*	1,075.0*
France...	531.8*	741.0*	1,005.3*	Norway.....	57.7* ^c	52.6* ^c	89.9*	West Germany..	558.3*	1,075.2*	2,260.1*
Greece....	6.2*	11.8*	55.4*								

* An asterisk indicates that the data are unclassified.

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^b Data are for 1959 and are included in the NATO total for 1960.^c Data are for the year beginning 1 July of the previous year.^d Data are for the year beginning 1 April of the previous year.

SECRET

COMMUNICATIONS

Table 167

Telegrams Sent over the Domestic System *
1955, 1960, and 1963-68

							Million Telegrams Sent				
	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES.....	293*	246*	229*	222*	214*	203*	193*	N.A.*			
US ^b	153.2*	124.3*	104.2*	97.4*	94.3*	92.7*	91.2*	88.0*			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	247*	292*	311*	316*	333*	362*	376*	390*			
USSR.....	203.0*	241.0*	254.0*	257.0*	273.0*	300.0*	311.5*	323.0*			
Eastern Europe.....	43.9*	50.5*	57.3*	58.5*	60.1*	62.2*	64.7*	67.2*			
Bulgaria.....	6.1*	6.6*	7.4*	7.6*	7.7*	8.2*	8.8*	9.3*			
Czechoslovakia.....	9.7*	11.6*	12.9*	12.9*	13.0*	13.2*	13.5*	13.8*			
East Germany.....	7.6*	10.3*	11.2*	11.2*	11.8*	11.5*	11.7*	11.7*			
Hungary.....	5.7*	7.4*	8.6*	8.9*	8.9*	9.2*	9.5*	10.0*			
Poland ^c	10.3*	10.0*	11.5*	12.0*	12.5*	13.4*	14.1*	15.0*			
Rumania.....	4.5*	4.6*	5.7*	5.9*	6.2*	6.7*	7.1*	7.4*			
Far East											
North Korea.....	0.8* ^d	1.4*	2.5*	2.5*	N.A.	N.A.	N.A.	N.A.			
North Vietnam.....	1.2	2.1	2.4	N.A.	2.5	N.A.	N.A.	N.A.			
Other											
Albania.....	0.9*	1.0*	1.0*	1.0*	1.0*	N.A.	N.A.	N.A.			
Cuba.....	N.A.	N.A.	10.2*	10.5*	12.3*	13.6*	14.7*	15.6*			
Yugoslavia.....	3.9*	7.3*	10.5*	11.9*	9.1*	8.0*	N.A.	N.A.			
Other NATO Countries											
	1955	1960	1967	1955	1960	1967	1955	1960	1967		
Belgium.....	4.2*	3.3*	3.1*	Iceland.....	0.3*	0.3*	0.3*	Portugal.....	2.2*	2.3*	2.8*
Canada ^e	17.4*	13.2*	8.8*	Italy ^b	34.4*	35.2*	28.9*	Turkey.....	10.0*	9.9*	8.6*
Denmark ^f ...	1.5*	1.6*	1.6*	Luxembourg...	0.2*	0.2*	0.2*	UK ^g	20.5*	13.6*	8.5*
France.....	16.3* ^h	12.3*	14.8*	Netherlands...	2.6*	2.3*	1.6*	West Germany.	20.5* ^{i j}	19.5*	13.7*
Greece.....	5.1*	4.6*	5.8*	Norway.....	4.7* ^b	3.4*	2.5*				

* An asterisk indicates that the data are unclassified.

^a Unless otherwise indicated, data are for domestic telegrams.^b Including domestic transmission of transoceanic and marine messages.^c Including international telegrams.^d Data are for 1956.^e All telegrams sent by land are counted as domestic.^f Including data for the Faeroe Islands and Greenland.^g Including data for Algeria.^h Data are for the year beginning 1 July of the previous year.ⁱ Data are for the year beginning 1 April of the stated year.^j Including telegrams sent to or received from East Germany and East Berlin.

SECRET

151

COMMUNICATIONS

SECRET

Table 168

Production of Electron Tubes in the US and the Communist Countries
1955, 1960, and 1963-68

	Million Units							
	1955	1960	1963	1964	1965	1966	1967	1968
US *	490.7*	402.1*	404.5*	377.6*	405.7*	450.7*	327.9*	306.2*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	100	174	235	254	275	298	N.A.	N.A.
USSR.....	76.6*	125.0*	170.0*	180.0*	190.0	205.0	222.0	240
Eastern Europe.....	23.4	49.1	65.4	73.5	85.2	92.5	N.A.	N.A.
Czechoslovakia.....	4.3*	10.4*	15.5*	17.0*	20.1*	21.3*	18.7*	N.A.
East Germany.....	9.5	20.0	23.0	25.7	30.4 ^b	35.0	N.A.	N.A.
Hungary.....	7.0*	11.3*	11.8*	11.9*	13.7*	14.3*	15.0*	15.8*
Poland.....	2.6*	7.4*	15.1*	18.9*	21.0*	21.9*	23.9*	26.0*
Other								
Yugoslavia.....	0.2*	0.7*	2.7*	5.1*	6.9*	7.3*	6.9*	N.A.

* An asterisk indicates that the data are unclassified.

^a Producer sales. Data include monochrome picture tubes.^b Plan data.

Table 169

Production of Radio Receivers *
1955, 1960, and 1963-68

	Thousand Units							
	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES ^b	22,500*	30,100*	32,900*	32,900*	37,700*	38,100*	35,900*	N.A.
US ^c	14,526*	17,969*	19,732*	20,701*	25,731*	25,329*	23,215*	24,486*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	5,370*	6,370*	6,940*	6,650*	7,520*	8,370*	8,960*	N.A.
USSR.....	3,549*	4,165*	4,796*	4,766*	5,160*	5,841*	6,400*	7,000*
Eastern Europe.....	1,820*	2,200*	2,150*	1,880*	2,360*	2,530*	2,560*	N.A.
Bulgaria.....	66*	157*	204*	142*	130*	184*	149*	N.A.
Czechoslovakia.....	102*	230*	273*	174*	245*	247*	250*	255*
East Germany.....	725*	810*	773*	627*	808*	901*	932*	N.A.
Hungary.....	377*	212*	170*	155*	230*	250*	247*	253*
Poland.....	461*	627*	487*	513*	624*	622*	612*	787*
Rumania.....	89*	167*	240*	271*	323*	325*	367*	388*
Far East								
Communist China.....	100*	1,500*	1,500	1,500	1,500	N.A.	N.A.	N.A.
Other								
Yugoslavia.....	82*	244*	377*	528*	504*	369*	240*	227*

Other NATO Countries

	1955	1960	1967		1955	1960	1967		1955	1960	1967
Belgium.....	N.A.*	1,103*	1,370*	France.....	1,228*	2,214*	2,256*	UK.....	2,142*	2,504*	1,524*
Canada ^d	610*	696*	1,583*	Italy.....	708*	935*	1,579* ^e	West Germany.	3,124*	4,313*	3,751*
Denmark.....	95*	199*	200*	Norway ^f	109*	129*	135*				

* An asterisk indicates that the data are unclassified.

^a Civilian radio receivers and radio-phonograph combinations.^b NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."^c Data for radio-phonograph combinations are factory sales.^d Producer sales.^e Data are for 1966 and are included in the NATO total for 1967.^f Receiving sets for home use only.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

COMMUNICATIONS

Table 170

Production of Television Receivers
1955, 1960, and 1963-68

Thousand Units

	1955	1960	1963	1964	1965	1966	1967	1968			
NATO COUNTRIES ^a	10,900	12,400	14,600	17,400	18,900	19,700	17,700	N.A.			
US ^b	7,776	5,828	7,877	9,570	11,028	12,402	10,881	11,794			
COMMUNIST COUNTRIES											
USSR and Eastern Europe...	551	2,720	4,000	4,550	5,360	6,110	6,810	N.A.			
USSR.....	495	1,726	2,473	2,927	3,655	4,415	5,000	5,700			
Eastern Europe.....	56	989	1,530	1,620	1,700	1,700	1,810	N.A.			
Bulgaria.....	0	<i>Negl.</i>	29	54	74	90	130	153			
Czechoslovakia.....	17	263	235	240	274	228	256	332			
East Germany.....	39	416	580	591	537	562	475	<i>N.A.</i>			
Hungary.....	<i>Negl.</i>	139	251	270	267	298	316	339			
Poland.....	<i>Negl.</i>	171	365	414	452	412	495	560			
Rumania.....	<i>Negl.</i>	<i>Negl.</i>	67	55	101	105	142	160			
Other											
Yugoslavia.....	0	14	117	263	254	286	252	286			
Other NATO Countries											
	1955	1960	1967		1955	1960	1967				
Belgium.....	<i>N.A.</i>	216	345	France.....	186	655	1,300	UK.....	1,771	2,141	1,237
Canada ^c	764	338	525	Italy.....	90	728	1,238 ^d	West Germany...	316	2,164	1,917
Denmark.....	12	233	109 ^d	Norway ^e	<i>Negl.</i>	64	107 ^d				

^a NATO totals include only data for the US and those NATO countries that are listed under "Other NATO Countries."

^b Pre-1964 data for color receivers are factory sales.

^c Producer sales.

^d Data are for 1966 and are included in the NATO total for 1967.

^e Receiving sets for home use only.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED
CLASSIFIED MATERIAL ON THE REVERSE

COMMUNICATIONS

SECRET

Table 171

Radio Receivers in Public Use * in the US and Communist Countries
1955, 1960, and 1963-68

	Thousand Units							
	1955	1960	1963	1964	1965	1966	1967	1968
US.....	124,000*	168,314*	214,353*	228,000*	242,000*	262,700*	282,100*	300,900*
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	24,700*	44,400*	53,600*	55,500*	57,400*	59,900*	63,100*	65,700*
USSR.....	13,000*	27,800*	35,200*	36,700*	38,200*	39,800*	42,200*	44,300*
Eastern Europe.....	11,700*	16,600*	18,400*	18,800*	19,200*	20,100*	20,900*	21,400*
Bulgaria.....	327*	868*	1,227*	1,323*	1,405*	1,475*	1,650*	1,900*
Czechoslovakia.....	2,839*	3,103*	3,126*	3,094*	3,075*	3,187*	3,206*	3,230*
East Germany.....	5,009*	5,574*	5,739*	5,759*	5,804*	5,820*	5,855* ^b	5,942*
Hungary.....	1,173*	1,969*	2,209*	2,268*	2,320*	2,485*	2,454*	2,488* ^b
Poland.....	1,649*	3,796*	4,372*	4,499*	4,627*	5,100*	5,539*	5,580*
Rumania.....	654*	1,283*	1,711*	1,827*	1,956*	2,051*	2,220*	2,300*
Far East								
North Vietnam.....	N.A.	N.A.	49*	N.A.	75	N.A.	N.A.	N.A.
Other								
Albania.....	20*	54*	68*	76*	88*	103*	120*	138*
Cuba.....	1,250* ^c	1,100*	1,300*	1,300*	N.A.	N.A.	N.A.	N.A.
Yugoslavia.....	592*	1,562*	2,278*	2,520*	2,700*	3,000*	3,054*	3,171*

* An asterisk indicates that the data are unclassified.

^a Data are as of the end of the year and exclude wired loudspeakers.

^b Excluding data for portable radio receivers.

^c Data are for 1956.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

COMMUNICATIONS

Table 172

Television Receivers in Public Use *
1955, 1960, and 1963-68

Thousand Units

	1955	1960	1963	1964	1965	1966	1967	1968
NATO COUNTRIES.....	45,600	81,300	104,000	113,000	120,000	128,000	134,000	142,000
US.....	37,600	55,600	64,175	67,210	70,560	75,100	78,200	83,000
COMMUNIST COUNTRIES								
USSR and Eastern Europe...	869	7,220	16,600	20,400	24,600	29,500	35,100	42,000
USSR.....	823	4,800	10,500	12,800	15,700	19,000	23,200	28,500
Eastern Europe.....	46	2,420	6,080	7,550	8,910	10,500	11,900	13,500
Bulgaria.....	0	3	66	122	180	288	331	590 ^b
Czechoslovakia.....	32	795	1,630	1,899	2,171	2,339	2,520	2,820 ^b
East Germany.....	14	1,035	2,379	2,801	3,216	3,600	3,950	4,173
Hungary.....	Negl.	104	471	675	831	996	1,162	1,397
Poland.....	Negl.	426	1,294	1,698	2,060	2,540	3,000	3,430
Rumania.....	Negl.	55	245	357	450	740	952	1,115
Other								
Cuba.....	160	500	550	N.A.	N.A.	N.A.	N.A.	N.A.
Yugoslavia.....	N.A.	30	212	393	500	800	1,001	1,298

Other NATO Countries

	1955	1960	1968		1955	1960	1968		1955	1960	1968
Belgium...	70	520	1,800	Iceland.....	N.A.	1	27	Portugal.....	N.A.	58	300
Canada....	2,000	3,840	6,100	Italy.....	250	2,361	8,325	Turkey.....	Negl.	1	10
Denmark..	7	545	1,250	Luxembourg..	1	7	49	UK.....	5,100	11,028	15,225
France....	250	2,000	7,200	Netherlands..	60	812	2,750	West Germany.	260 ^c	4,465	15,000
Greece....	N.A.	N.A.	50	Norway.....	Negl.	49	770				

* Data are as of the end of the year and include monochrome and color television receivers.

^b Estimated.^c Excluding data for the Saar.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

155

CONVERSION FACTORS

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

Table 173

Selected Conversion Factors

To Convert From	To	Multiply By
Acres	Hectares	0.40468564
Acres	Kilometers, square	0.004046856
Acres	Meters, square	4,046.856
Acres	Miles, square	0.0015625
Feet	Meters	0.30480061
Feet, cubic	Meters, cubic	0.028317
Feet, cubic	Tons, register	0.01
Feet, square	Meters, square	0.09290341
Gallons, US liquid	Meters, cubic	0.0037854
Gallons, US liquid	Inches, cubic	231
Gallons, US liquid	Feet, cubic	0.1336816
Gallons, US liquid	Liters	3.785306
Hectares	Acres	2.471054
Hectares	Kilometers, square	0.01
Hectares	Miles, square	0.00386101
Kilometers	Miles, US nautical	0.539957
Kilometers	Miles, US statute	0.621371
Kilometers, square	Acres	247.1054
Kilometers, square	Hectares	100
Kilometers, square	Miles, square	0.386101
Meters	Feet	3.280840
Meters	Yards	1.093613
Meters, cubic	Tons, register	0.353147
Meters, cubic	Feet, cubic	35.314667
Meters, cubic	Gallons, US liquid	264.17205
Meters, square	Feet, square	10.763910
Meters, square	Yards, square	1.195991
Miles, US nautical	Kilometers	1.852
Miles, square	Acres	640
Miles, square	Hectares	259
Miles, square	Kilometers, square	2.59
Miles, statute	Kilometers	1.609344
Ounces, troy	Grams	31.103486
Pounds, avoirdupois	Quintals	0.00453592
Pounds, avoirdupois	Tons, metric	0.000453592
Quarts, US dry	Liters	1.10119
Quarts, US liquid	Liters	0.946326
Quintals	Pounds	220.4622
Quintals	Tons, metric	0.1
Tons, long	Tons, metric	1.016047
Ton-kilometers, metric	Ton-miles, short	0.684943
Tons, metric	Pounds	2,204.622
Tons, metric	Quintals	10
Tons, metric	Tons, long	0.984206
Tons, metric	Tons, short	1.10231
Ton-miles, short	Ton-kilometers, metric	1.459975
Tons, register	Feet, cubic	100
Tons, register	Meters, cubic	2.831685
Tons, short	Tons, metric	0.907185
Yards	Meters	0.9144018
Yards, square	Meters, square	0.836127

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

RATES OF EXCHANGE

Table 174

Rates of Exchange for Currencies of Communist Countries
as of 1 April 1969

		Rate of Exchange			
		In Terms of US \$1		In Terms of 1 Ruble	
		Commercial Rate ^a	Noncom- mercial Rate ^b	Commercial Rate ^a	Noncom- mercial Rate ^b
	Unit of Currency				
USSR.....	Ruble.....	0.90	0.90		
Eastern Europe					
Bulgaria.....	Lev.....	1.17	1.99	1.3	0.78
Czechoslovakia.....	Koruna.....	7.2	14.36	8.0	9.66
East Germany.....	Deutsche Mark East.....	4.2 ^c	4.2	4.67 ^c	3.20
Hungary.....	Forint.....	11.74	30	13.04	13.11
Poland.....	Zloty.....	4	24	4.44	15.32
Rumania.....	Leu.....	6	12	6.67	8.31
Far East					
Communist China.....	Yuan.....	2.00	2.46 ^d	2.22	1.29
North Korea.....	Won.....	1.20	2.57	1.33	1.44
North Vietnam.....	Dong.....	2.94	3.7	3.27	1.92
Other					
Albania.....	Lek.....	5	12.5	5.56	8.4
Cuba.....	Peso.....	1	1	1.11	1.11
Mongolia.....	Tugrik.....	4.0	4.5	4.44	4.18
Yugoslavia.....	Dinar.....	12.5	12.5	13.9	13.9

^a Official rates unless otherwise indicated. These rates are used for converting trade statistics.^b Rates used for noncommercial transactions such as diplomatic, tourist and student expenditures, personal remittances, and the like. Some countries have special rates for tourists and personal remittances in addition to the noncommercial rate.^c The unofficial rates actually used in East German accounting of foreign trade transactions. Official rates still listed, but not used, are 2.22 DME to US \$1 and 2.47 DME to 1 ruble.^d Based on the cross rate of exchange between the yuan and UK pound sterling.

ALL DATA IN THIS TABLE ARE UNCLASSIFIED

Table 175

Cross Rates of Exchange for Currencies of the NATO Countries *
1968

Country: (Monetary unit):	US (Dollar)	Bel- gium ^b (Franc)	Canada (Dollar)	Den- mark (Krone)	France (New Franc)	Greece (Drach- ma)	Iceland (Krona)	Italy (Lira)	Nether- lands (Guilder)	Norway (Krone)	Portugal (Escudo)	Turkey (Lira)	UK (Pound)	West Ger- many (Deut- sche Mark)
One monetary unit of the currency quoted above equals the following:														
US..... Dollar.....	1.000	0.020	0.925	0.133	0.203	0.033	0.011	0.0016	0.276	0.140	0.035	0.111	2.400	0.250
Belgium ^b Franc.....	50.00	1.000	46.25	6.667	10.13	1.667	0.568	0.0800	13.81	7.000	1.739	5.556	120.0	12.50
Canada..... Dollar.....	1.081	0.022	1.000	0.144	0.219	0.036	0.012	0.0017	0.299	0.151	0.038	0.120	2.595	0.270
Denmark..... Krone.....	7.500	0.150	6.938	1.000	1.519	0.250	0.085	0.0120	2.072	1.050	0.261	0.833	18.00	1.875
France..... New franc..	4.937	0.099	4.567	0.658	1.000	0.165	0.056	0.0079	1.364	0.691	0.172	0.549	11.85	1.234
Greece..... Drachma...	30.00	0.600	27.75	4.000	6.077	1.000	0.341	0.0480	8.287	4.200	1.043	3.333	72.00	7.500
Iceland..... Krona.....	88.00	1.760	81.40	11.733	17.82	2.933	1.000	0.1408	24.310	12.320	3.061	9.778	211.2	22.00
Italy..... Lira.....	625.0	12.50	578.1	83.33	126.6	20.83	7.10	1.000	172.7	87.50	21.74	69.44	1,500	156.3
Netherlands.. Guilder....	3.620	0.072	3.349	0.483	0.733	0.121	0.041	0.0058	1.000	0.507	0.126	0.402	8.69	0.905
Norway..... Krone.....	7.143	0.143	6.607	0.952	1.447	0.238	0.081	0.0114	1.973	1.000	0.248	0.794	17.14	1.786
Portugal..... Escudo.....	28.75	0.575	26.59	3.833	5.823	0.958	0.327	0.0460	7.942	4.025	1.000	3.194	69.00	7.188
Turkey..... Lira.....	9.000	0.180	8.325	1.200	1.823	0.300	0.102	0.0144	2.486	1.260	0.313	1.000	21.60	2.250
UK..... Pound.....	0.417	0.008	0.385	0.056	0.084	0.014	0.005	0.0007	0.115	0.058	0.014	0.046	1.000	0.104
West Ger- many..... Deutsche Mark.....	4.000	0.080	3.700	0.533	0.810	0.133	0.045	0.0064	1.105	0.560	0.139	0.444	9.60	1.000

* Par values as declared to the International Monetary Fund. Data are as of 15 April 1969.

^b The rates of exchange for Luxembourg are the same as those for Belgium.

SECRET

INDEX

	<i>Page</i>		<i>Page</i>
Academic, technical, and military trainees to Communist countries	68-69	Aid, Communist, to less developed countries	57-70
Acetate and rayon fabrics	106	Aid, Communist, to North Vietnam	55-56
Acid, sulfuric	71	Aid, Soviet economic and military, by area	<i>following page</i> 56
Agricultural and industrial production	4-7	Aid, Soviet economic, extended to less developed countries and Communist countries	<i>following page</i> 54
Agricultural and industrial production indexes, Eastern Europe	5	Aid, Soviet military, to North Vietnam	55
Agricultural equipment	126	Aid, US and Communist economic, by recipient	<i>following page</i> 54
Agricultural inputs and output, US and USSR	<i>following page</i> 112	Aircraft and guided missile systems, Communist, to less developed countries	66
Agricultural investment, US and USSR	<i>following page</i> 112	Aircraft, civil, inventory of	143
Agricultural labor force	21	Aircraft, military, production of	18
Agricultural labor force, US and USSR	<i>following page</i> 112	Airfreight traffic	134
Agricultural production indexes, Eastern Europe	5	Air passenger traffic	134
Agricultural production indexes, US and USSR	<i>following pages</i> 4, 112	Albania, selected economic data	41
Agriculture	113-126	Aluminum, primary	98
Aid	55-70	Ammonia, synthetic	72
Aid, Chinese Communist economic and military, by area	<i>following page</i> 56	Automobiles in use	12
Aid, Chinese Communist military, to North Vietnam	56	Automobiles, passenger, production of	141
Aid, Communist and US economic, by recipient	<i>following page</i> 54	Bauxite	99
Aid, Communist economic and military, by area	<i>following page</i> 56	Breadgrain	114
Aid, Communist economic and military, by recipient and donor	60	Brown coal and lignite	80
Aid, Communist economic and military, extensions and drawings	57	Budget, state, USSR	8
Aid, Communist economic and military, to North Vietnam	<i>following page</i> 54	Bulgaria, selected economic data	32
Aid, Communist economic, by recipient and donor	62	Buses and trucks, production of	142
Aid, Communist economic, extensions and drawings	58	Calls, telephone, long-distance	150
Aid, Communist military, by recipient and donor	64	Capacities of selected ports ..	<i>following page</i> 18
Aid, Communist military, extensions and drawings	59	Cargo ships, maritime, construction of	136
		Cars, railroad freight, inventory of	145
		Cars, railroad freight, production of	140
		Cattle, inventory of	122
		Caustic soda	73
		Cement	112
		Chemical equipment imports, USSR	53
		Chemicals	71-75
		Chinese Communist economic and military aid to less developed countries, extensions and drawings, by area	<i>following page</i> 56

SECRET

	Page		Page
Chinese Communist military aid to North Vietnam	56	Communist economic aid to less developed countries, extensions and drawings	58
Chromite	93	Communist economic and military aid to less developed countries	57-70
Civil aircraft, inventory of	143	Communist economic and military aid to less developed countries, by recipient and donor	60
Civilian trucks, inventory of	146	Communist economic and military aid to less developed countries, extensions and drawings	57
Coal, brown, and lignite	80	Communist economic and military aid to less developed countries, extensions and drawings, by area	<i>following page</i> 56
Coal, hard	79	Communist economic and military aid to North Vietnam	<i>following page</i> 54
Coarse grain	115	Communist land armaments and naval ships to less developed countries, by recipient	65
Cobalt	94	Communist military aid to less developed countries	57-70
Coke, metallurgical	81	Communist military aid to less developed countries, by recipient and donor	64
Combines, grain	126	Communist military aid to less developed countries, extensions and drawings	59
Commercial vehicles, production of	142	Communist military and economic aid to North Vietnam	<i>following page</i> 54
Communications	149-155	Communist military equipment to less developed countries	67
Communications equipment, inventory of	149, 154-155	Communist nonmilitary and military technicians in less developed countries	70
Communications equipment, production of	152-153	Comparative data on GNP, US and USSR	<i>following page</i> xiv
Communications performance	149-151	Comparative performance and plan data	11-13
Communist aid to less developed countries ..	57-70	Computers, digital	110
Communist aid to North Vietnam	55-56	Construction	111-112
Communist aircraft and guided missile systems to less developed countries	66	Construction, total housing	111
Communist and US economic aid to less developed countries	<i>following page</i> 54	Consumer goods	104-106
Communist China, foreign trade	54	Consumer goods, producers' goods, and construction	104-112
Communist China, selected economic data ..	38	Consumption, factors of, US and USSR	12
Communist countries, academic students in ..	68	Conversion factors	156
Communist countries, academic, technical, and military trainees in	68-69	Copper, refined	97
Communist countries and US, military aircraft production	18	Cotton fabrics	104
Communist countries, direction of foreign trade	<i>following page</i> 44	Cotton, ginned	124
Communist countries, exchange rates	157	Country tables, economic data	22-44
Communist countries, indexes of gross industrial production	6	Credits, Western, to USSR, drawings and repayments on	10
Communist countries and less developed countries, Soviet economic aid extended to	<i>following page</i> 54	Crops, food	113-117
Communist countries, military trainees in ..	68-69	Cross rates of exchange, NATO countries	158
Communist countries, naval ship construction ..	17	Crude oil	82
Communist countries, students in	68	Crude steel	87
Communist countries, technical trainees in ..	68	Cuba, selected economic data	42
Communist countries, trade among	48		
Communist countries, trade turnover	47		
Communist countries, trade with Free World ..	49		
Communist economic aid to less developed countries	57-70		
Communist economic aid to less developed countries, by recipient and donor	62		

SECRET

	Page		Page
Currency, foreign rates of exchange	157-158	Economic and military aid, Communist, to North Vietnam	<i>following page</i> 54
Currency, hard, payments deficit, USSR	<i>following page</i> 10	Economic and military aid, Soviet, to less developed countries, extensions and drawings, by area	<i>following page</i> 56
Czechoslovakia, selected economic data	33	Economic and military indicators	1-18
Defense expenditures, US and USSR, by mission	14	Economic data, Albania	41
Defense and space expenditures, USSR	14-16	Economic data, Bulgaria	32
Defense budget, USSR	<i>following page</i> 14	Economic data, Communist China	38
Deliveries, Communist, of aircraft and guided missile systems to less developed countries	66	Economic data, Cuba	42
Deliveries, Communist, of land armaments and naval ships to less developed countries	65	Economic data, Czechoslovakia	33
Deliveries, Communist, of military equipment to less developed countries	67	Economic data, East Germany	34
Diesel locomotives, production of	139	Economic data, Eastern Europe	31
Digital computers	110	Economic data, European NATO	23
Domestic telegrams	151	Economic data, France	24
Domestic transport performance, US and USSR	<i>following page</i> 126	Economic data, Hungary	35
Drawings on Western credits to USSR	10	Economic data, India	28
Eastern Europe and USSR, trade with US	45	Economic data, Italy	25
Eastern Europe, indexes of industrial and agricultural production, by country	5	Economic data, Japan	29
Eastern Europe, selected economic data	31	Economic data, Mongolia	43
East Germany, selected economic data	34	Economic data, North Korea	39
Economic aid, Communist, to less developed countries of the Free World	57-70	Economic data, North Vietnam	40
Economic aid, Communist, to less developed countries, by recipient and donor	62	Economic data, Poland	36
Economic aid, Communist, to less developed countries, extensions and drawings	58	Economic data, Rumania	37
Economic aid, Soviet, extended to less developed countries and Communist countries	<i>following page</i> 54	Economic data, UK	26
Economic aid, US and Communist, to less developed countries	<i>following page</i> 54	Economic data, US	22
Economic and military aid	55-70	Economic data, US and USSR	11-12
Economic and military aid, Chinese Communist, to less developed countries, extensions and drawings, by area	<i>following page</i> 56	Economic date, USSR	30
Economic and military aid, Communist, to less developed countries, by recipient and donor	60	Economic data, West Germany	27
Economic and military aid, Communist, to less developed countries, extensions and drawings	57	Economic data, Yugoslavia	44
Economic and military aid, Communist, to less developed countries, extensions and drawings, by area	<i>following page</i> 56	Economic indicators	1-13
		Economic plan, USSR, for 1970	13
		Electric generating capacity, installed	86
		Electric generators	109
		Electric locomotives, production of	139
		Electric motors	108
		Electric power	85-86
		Electron tubes	152
		Energy, primary	78
		Equipment, agricultural, production of	126
		Equipment, chemical, imports, USSR	53
		Equipment, communications, inventory of	149, 154-155
		Equipment, communications, production of	152-153
		Equipment and expenditures, military	14-18
		Equipment, metallurgical	108
		Equipment, power	109
		Equipment, transportation, inventory of	143-148

SECRET

161

SECRET

	Page		Page
Equipment, transportation, production of .	136-142	Freight traffic, inland water	131-132
European NATO, selected economic data	23	Freight traffic, motor vehicle	129-130
Europe, Eastern, selected economic data	31	Freight traffic, ocean	133
Exchange rates, Communist countries	157	Freight traffic, railroad	127-128
Exchange rates, NATO countries	158	Fuels	78-84
Expenditures, defense, US and USSR, by mis- sion	14	Fuels and power	78-86
Expenditures, military, USSR	14-18	Gas, natural	84
Expenditures, space, USSR	14-16	Generating capacity, electric, installed	86
Exports, USSR	51	Generators, electric	109
Exports, USSR, petroleum	53	Ginned cotton	124
Exports, world	45	Gold	96
Fabrics, cotton	104	Gold, USSR	<i>following page</i> 10
Fabrics, rayon and acetate	106	Grain	113-116
Fabrics, woolen	105	Grain as a selected output	<i>following page</i> 112
Factors, conversion	156	Grain, coarse	115
Factors of consumption, US and USSR	12	Grain combines	126
Farm labor force, US and USSR	<i>following page</i> 112	Gross fixed investment, USSR	9
Ferrous and ferroalloying ores and metals . .	87-95	Gross industrial production indexes, Commu- nist countries	6
Fertilizer, mineral	74-75	Gross industrial production indexes, USSR . .	6
Fertilizer, mineral, as an input to agriculture	<i>following page</i> 112	Gross national product	1-3
Fertilizer, mineral, nutrient content	74	Gross national product, by end use, US and USSR	2
Fertilizer, mineral, nutrient content, as an input to agriculture	<i>following page</i> 112	Gross national product, comparative data, US and USSR	<i>following page</i> xiv
Fibers, selected	124-125	Gross national product per capita, selected countries	<i>following page</i> 2
Fibers, synthetic	106	Gross national product, percentage distribu- tion, by end use, USSR	3
Finance and investment data, USSR	8-10	Gross national product, selected NATO coun- tries	3
Fish catch	121	Guided missile systems and aircraft, Commu- nist, to less developed countries	66
Fishing ships, construction of	137	Hard coal	79
Fixed investment, gross, USSR	9	Hard currency payments deficit, USSR	<i>following page</i> 10
Fleet, merchant, inventory of	147	Hogs, inventory of	123
Fleet, tanker, inventory of	148	Housing construction	111
Food crops	113-117	Hungary, selected economic data	35
Foods, processed	118-120	Hydroelectric power	85
Footwear	104	Imports, USSR	52
Foreign trade	45-54	Imports, USSR, chemical equipment	53
Foreign trade, Communist China	54	India, selected economic data	28
Foreign trade, direction of, Communist coun- tries	<i>following page</i> 44	Industrial and agricultural production	4-7
Foreign trade, USSR	50-52	Industrial and agricultural production indexes, Eastern Europe	5
France, selected economic data	24		
Free World, Communist aid to	57-70		
Free World, Communist trade with	49		
Freight cars, railroad, inventory of	145		
Freight cars, railroad, production of	140		
Freight traffic, air	134		

SECRET

	Page		Page
Industrial and agricultural production indexes, US and USSR	<i>following page</i>	Mainline electric locomotives, production of ..	139
Industrial production indexes	4	Mainline locomotives, inventory of	144
Industrial production indexes, gross, Communist countries	6	Mainline locomotives, production of	138
Industrial production, rates of growth, by branch, USSR	7	Manganese ore	91
Industrial products and raw materials	71-103	Maritime cargo ships, construction of	136
Inland water freight traffic	131-132	Maritime tankers, construction of	137
Installed electric generating capacity	86	Meat	118
Investment and finance data, USSR	8-10	Merchant fleet, inventory of	147
Investment, gross fixed, USSR	9	Metalcutting machine tools	107
Iron ore	90	Metalfforming machine tools	107
Iron, pig	89	Metallurgical coke	81
Italy, selected economic data	25	Metallurgical equipment	108
Japan, selected economic data	29	Metals, ferrous and ferroalloying	87-95
Labor force	20	Metals, nonferrous	96-103
Labor force, agricultural	21	Military, academic, and technical trainees to Communist countries	68
Labor force, nonagricultural	20	Military aid, Chinese Communist, to North Vietnam	56
Land armaments and naval ships, Communist, to less developed countries	65	Military aid, Communist, to less developed countries	55-70
Lead, smelter	100	Military aid, Communist, to North Vietnam	<i>following page</i>
Less developed countries, Communist land armaments and naval ships to	65	Military aid, Soviet, to North Vietnam	55
Less developed countries and Communist countries, Soviet economic aid extended to	<i>following page</i>	Military aircraft, production of	18
Less developed countries, Communist aid to	57-70	Military and economic aid	55-70
Less developed countries, Communist aircraft and guided missile systems to	66	Military and economic aid, Communist, to North Vietnam	<i>following page</i>
Less developed countries, Communist deliveries of military equipment to	67	Military and nonmilitary technicians, Communist, in less developed countries	70
Less developed countries, Communist land armaments and naval ships to	65	Military equipment, Communist, to less developed countries	67
Lignite and brown coal	80	Military expenditures and equipment	14-18
Livestock, inventory of	122-123	Military expenditures, USSR	14-18
Locomotives, diesel, production of	139	Military expenditures, USSR, by mission	14-15
Locomotives, electric, production of	139	Military capacities of selected ports	<i>following page</i>
Locomotives, inventory of	144	Military trainees to Communist countries ..	68-69
Locomotives, mainline, production of	138	Milk	119
Locomotives, production of	138	Mineral fertilizer	74-75
Long-distance telephone calls	150	Mineral fertilizer as an input to agriculture	<i>following page</i>
Machine tools, metalcutting	107	Mineral fertilizer, nutrient content	74
Machine tools, metalfforming	107	Mineral fertilizer, nutrient content, as an input to agriculture	<i>following page</i>
Magnesium, primary	103	Minerals and metals	87-103
Mainline diesel locomotives, production of ..	139	Molybdenum	94
		Mongolia, selected economic data	43
		Motors, electric	108
		Motor vehicle freight traffic	129-130

SECRET

	Page		Page
National product, gross	1-3	Poland, selected economic data	36
NATO countries, exchange rates	158	Population	19
NATO countries, GNP	1, 3	Population and country tables	19-44
NATO countries, GNP, per capita	<i>following page</i> 2	Ports, capacities of	<i>following page</i> 18
NATO, European, selected economic data	23	Potatoes	117
Natural gas	84	Power, electric	85-86
Natural rubber	76	Power equipment	109
Naval ships and land armaments, Communist, to less developed countries	65	Power, hydroelectric	85
Naval ships, construction of, Communist coun- tries	17	Primary aluminum	98
Nickel, refined	92	Primary energy	78
Nonagricultural labor force	20	Primary magnesium	103
Nonferrous ores and metals	96-103	Primary tin metal	102
Nonmilitary and military technicians, Commu- nist, in less developed countries	70	Processed foods and fish catch	118-121
North Korea, selected economic data	39	Producers' goods	107-109
North Vietnam, Chinese Communist military aid to	56		
North Vietnam, Communist aid to	55-56	Radio receivers in use	154
North Vietnam, Communist economic and military aid to	<i>following page</i> 54	Radio receivers, production of	152
North Vietnam, selected economic data	40	Railroad freight cars, inventory of	145
North Vietnam, Soviet military aid to	55	Railroad freight cars, production of	140
		Railroad freight traffic	127-128
Ocean freight traffic	133	Rates of exchange, Communist countries	157
Oil, crude	82	Rates of exchange, NATO countries	158
Ore, iron	90	Raw materials and industrial products	71-103
Ore, manganese	91	Rayon and acetate fabrics	106
Ores and metals, ferrous and ferroalloying	87-95	Receivers, radio, in use	154
Ores and metals, nonferrous	96-103	Receivers, radio, production of	152
Ore, tungsten	95	Receivers, television, in use	155
		Receivers, television, production of	153
Passenger automobiles in use	12	Refined copper	97
Passenger automobiles, production of	141	Refined nickel	92
Passenger traffic, air	134	Refined zinc	101
Payments deficit, USSR	<i>following page</i> 10	Refrigerators	12
Performance, communications	149-151	Repayments, scheduled, on Western credits to USSR	10
Performance, transportation	127-135	Rice	116
Persons supplied per farm worker	12	Rolled steel	88
Petroleum exports, USSR	53	Rubber and rubber products	76-77
Petroleum pipeline transportation	135	Rubber, natural	76
Petroleum products	83	Rubber, synthetic	76
Pig iron	89	Rubber tires	77
Pipeline transportation, petroleum	135	Rumania, selected economic data	37
Plan data and comparative performance	11-13		
Plan, economic, USSR, for 1970	13	Ships, fishing, construction of	137
Plastics	75	Ships, maritime cargo, construction of	136
		Ships, naval, construction of, Communist coun- tries	17
		Shoes	104
		Smelter lead	100
		Soda, caustic	73
		Soviet budget	8

SECRET

	Page		Page
Soviet economic and military aid to less developed countries, extensions and drawings, by area	<i>following page</i> 56	Television receivers, production of	153
Soviet economic aid extended to less developed countries and Communist countries	<i>following page</i> 54	Tin metal, primary	102
Soviet economic plan for 1970	13	Tires, rubber	77
Soviet expenditures for defense and space	<i>following page</i> 14	Titanium sponge	103
Soviet expenditures for defense and space, by category of equipment	16	Tools, metalcutting machine	107
Soviet expenditures for defense and space, by major mission	15	Tools, metalforming machine	107
Soviet gross fixed investment	9	Tractors	126
Soviet gross national product, by end use	3	Tractors as an input to	
Soviet hard currency payments deficit	<i>following page</i> 10	agriculture	<i>following page</i> 112
Soviet imports of chemical equipment	53	Trade among Communist countries	48
Soviet investment and finance data	8-10	Trade, commodity composition, US with USSR	46
Soviet military aid to North Vietnam	55	Trade, Communist China	54
Space expenditures, USSR	14-16	Trade, Communist countries, direction of	<i>following page</i> 44
Space systems expenditures, by category of expenditure, USSR	16	Trade, Communist countries with Free World	49
Space systems expenditures, by major mission, USSR	15	Trade, foreign	45-54
Space systems expenditures, USSR	<i>following page</i> 14	Trade turnover, Communist countries	47
Sponge, titanium	103	Trade, US and USSR, commodity composition	46
State budget, USSR	8	Trade, USSR	50-53
Steel, crude	87	Trade, USSR, chemical equipment imports	53
Steel, rolled	88	Trade, USSR, petroleum exports	53
Students from less developed countries in Communist countries	68	Trade, US, with USSR and Eastern Europe	45
Sugar	120	Trade, US, with USSR, by commodity	46
Sulfuric acid	71	Traffic, airfreight	134
Synthetic ammonia	72	Traffic, air passenger	134
Synthetic fibers	106	Traffic, inland water freight	131-132
Synthetic rubber	76	Traffic, motor vehicle freight	129-130
		Traffic, ocean freight	133
Tanker fleet, inventory of	148	Traffic, railroad freight	127-128
Tankers, maritime, construction of	137	Trainees in Communist countries	68
Technical, academic, and military trainees to Communist countries	68-69	Transportation and communications	127-155
Technicians, Communist, nonmilitary and military, in less developed countries	70	Transportation equipment, inventory of	143-148
Telegrams, domestic	151	Transportation equipment, production of	136-142
Telephone calls, long-distance	150	Transportation performance	127-135
Telephones in use	149	Transportation, petroleum pipeline	135
Television receivers in use	155	Transport, domestic, US and USSR	<i>following page</i> 126
		Trucks and buses, production of	142
		Trucks, civilian, inventory of	146
		Tubes, electron	152
		Tungsten ore	95
		Turbines	109
		UK, selected economic data	26
		US and Communist economic aid to less developed countries	<i>following page</i> 54
		US, selected economic data	22
		USSR and Eastern Europe, trade with US	45

SECRET

	<i>Page</i>		<i>Page</i>
USSR and US, agricultural inputs and output	<i>following page</i> 112	USSR, hard currency payments deficit	<i>following page</i> 10
USSR and US, agricultural investment	<i>following page</i> 112	USSR, imports	52
USSR and US, agricultural production indexes	<i>following pages</i> 4, 112	USSR, imports of chemical equipment	53
USSR and US, comparison of GNP	<i>following page</i> xiv	USSR, industrial production indexes	4, 6
USSR and US, defense expenditures, by major mission	14	USSR, industrial production, rates of growth, by branch	7
USSR and US, domestic transport	<i>following page</i> 126	USSR, investment and finance data	8-10
USSR and US, economic data	11-12	USSR, military aid to North Vietnam	55
USSR and US, factors of consumption	12	USSR, military expenditures	14-18
USSR and US, GNP, by end use	2	USSR, petroleum exports	53
USSR and US, indexes of industrial and agricultural production	<i>following page</i> 4	USSR, plan for 1970	13
USSR and US, production of military aircraft	18	USSR, selected economic data	30
USSR and US, trade, by commodity	46	USSR, state budget	8
USSR, chemical equipment imports	53	USSR, trade	50-53
USSR, defense and space expenditures	14-16	USSR, Western credits to	10
USSR, drawings and scheduled repayments on Western credits to	10	Vehicles, commercial, production of	142
USSR, economic and military aid to less developed countries	<i>following page</i> 56	Vehicles, motor, production of	141-142
USSR, exports	51	Washing machines	12
USSR, exports of petroleum	53	Western credits to USSR, drawings and scheduled repayments on	10
USSR, foreign trade	50	West Germany, selected economic data	27
USSR, gold	<i>following page</i> 10	Wool	125
USSR, gross fixed investment	9	Woolen fabrics	105
USSR, gross industrial production indexes	6	World exports	45
		Yugoslavia, selected economic data	44
		Zinc, refined	101

Secret



25X1

Secret